# 22. System Registers

This chapter introduces different types of registers.


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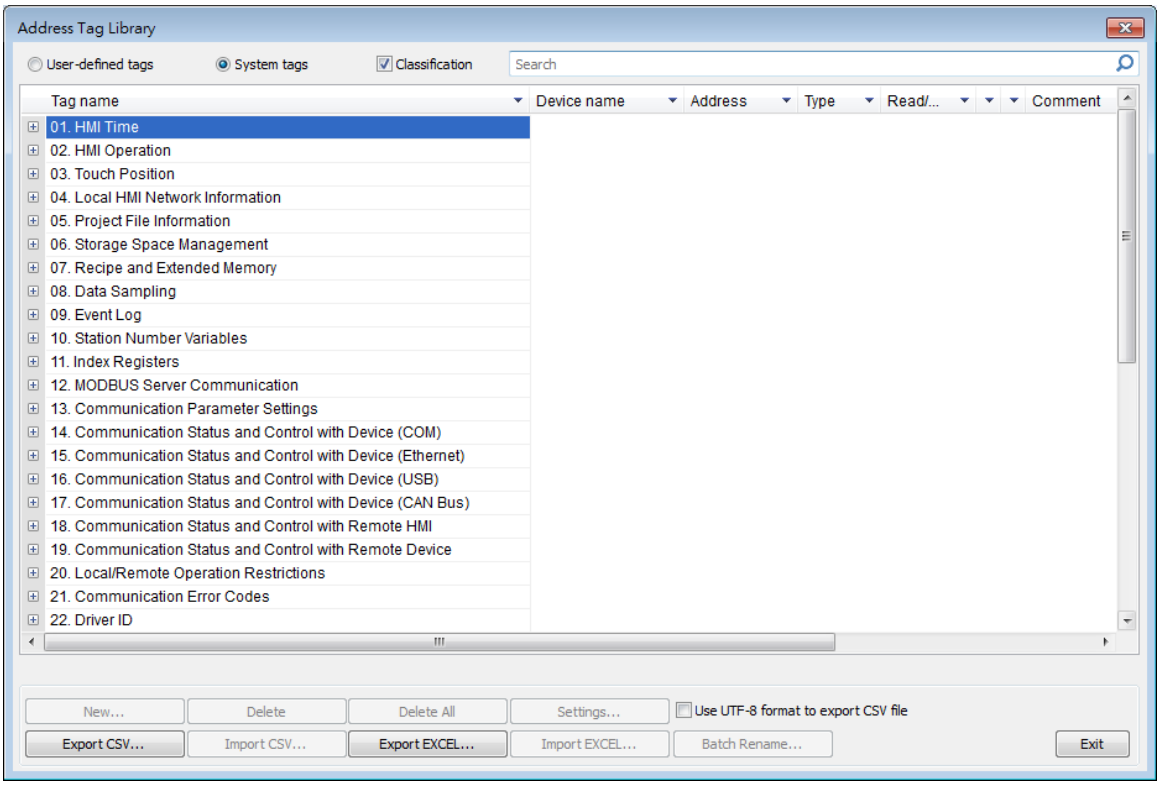
## 22.1. Overview

Some Word and Bit addresses are reserved in EasyBuilder Pro. These registers are reserved for different functions. This chapter introduces different types of registers.

The “C” letter in the register tables stands for “Control”, which means that this register not only allows write operation, but also can be controlled by Macro or a remote HMI.

When using a cMT/cMT X Series model, the PLW and PLB registers can be selected. LW/LB are local registers whereas PLW/PLB are client registers. The client device can be: cMT-iV5, cMT-iV6, iOS, Android device…etc. When connecting a cMT/cMT X Series model with one or multiple client devices, the PLW/PLB registers can be set on the client devices.

Please note that the supported system tags may vary between models and can be checked in the Address Tag Library, where the unsupported ones will be highlighted in gray.



## 22.2. The Address Ranges of Local HMI

### 22.2.1. Bits

| Register | Device Type | Range | Format |
|---|---|---|---|
| Local Bits (for users) | LB | 0 ~ 8999 | DDDDD |
| Local Bits (for system registers) | LB | 9000 ~ 12895 | DDDDD |
| Client Bits | PLB | 0 ~ 12399 | DDDDD |
| Local Word Bits | LW_Bit | 0 ~ 1290015 | DDDDDdd<br>DDDDD: address<br>dd: bit no. (00 ~ 15) |
| Client Word Bits | PLW_Bit | 0 ~ 1230015 | DDDDDdd<br>DDDDD: address<br>dd: bit no. (00 ~ 15) |
| Retentive Bit Index | RBI | 0 ~ 65535f | DDDDDh<br>DDDDD: address<br>h: bit no. (0 ~ f)<br>Use LW-9000 as Index Register, and correspond to RW_Bit |
| Retentive Word Bits | RW_Bit | 0 ~ 524287f | DDDDDh<br>DDDDD: address<br>h: bit no. (0 ~ f) |
| Retentive A Word Bits | RW_A_Bit | 0 ~ 65535f | DDDDDh<br>DDDDD: address<br>h: bit no. (0 ~ f) |
| Client Retentive Word Bits | PRW_Bit | 0 ~ 52428715 | DDDDDdd<br>DDDDD: address<br>dd: bit no. (00 ~ 15) |

### 22.2.2. Words

| Register | Device Type | Range | Format |
|---|---|---|---|
| Local Words (for users) | LW | 0 ~ 8999 | DDDDD |
| Local Words (for system registers) | LW | 9000 ~ 12900 | DDDDD |
| Client Words | PLW | 0 ~ 12300 | DDDDD |

| | | | |
|---|---|---|---|
| Retentive Words | RW | 0 ~ 524287 | DDDDDD |
| Retentive A Words | RW_A | 0 ~ 65535 | DDDDD |
| Retentive Word Index | RWI | 0 ~ 65535 | DDDDD<br>Use LW-9000 as Index Register, and correspond to RW |
| Client Retentive Words | PRW | 0 ~ 524287 | DDDDDD |
| Extended Memory Words | EM0 ~ EM15 | 0 ~ 1073741823 | DDDDDDDDDD |

## 22.3. System Registers

### 22.3.1. HMI Time

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-11958 | time setting error (when ON) *Note 3 | R | R | R | Y |
| LW-9010 | (16bit-BCD) : local second | R/W | R/C | R/C | Y |
| LW-9011 | (16bit-BCD) : local minute | R/W | R/C | R/C | Y |
| LW-9012 | (16bit-BCD) : local hour | R/W | R/C | R/C | Y |
| LW-9013 | (16bit-BCD) : local day | R/W | R/C | R/C | Y |
| LW-9014 | (16bit-BCD) : local month | R/W | R/C | R/C | Y |
| LW-9015 | (16bit-BCD) : local year | R/W | R/C | R/C | Y |
| LW-9016 | (16bit-BCD) : local week | R | R | R | Y |
| LW-9017 | (16bit) : local second | R/W | R/C | R/C | Y |
| LW-9018 | (16bit) : local minute | R/W | R/C | R/C | Y |
| LW-9019 | (16bit) : local hour | R/W | R/C | R/C | Y |
| LW-9020 | (16bit) : local day | R/W | R/C | R/C | Y |
| LW-9021 | (16bit) : local month | R/W | R/C | R/C | Y |
| LW-9022 | (16bit) : local year *Note 1 | R/W | R/C | R/C | Y |
| LW-9023 | (16bit) : local week *Note 2 | R | R | R | Y |
| LW-9030 | (32bit) : system time (unit : 0.1 second) | R | R | R | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-9048 | (16bit) : time (0 : AM, 1 : PM) | R/W | R/C | R/C | Y |
| LW-9049 | (16bit) : local hour (12-hour format) | R/W | R/C | R/C | Y |

## Note

1. Value range: 2000 ~ 2035.
2. Value range: 0 ~ 6, stand for Sunday ~ Saturday.
3. When using LW-9010 to LW-9023 to update RTC time and an invalid value is set, the time before the update will be restored and the system register [LB-11958: time setting error] will be set ON. Updating time on PC during simulation by using LW-9010 to LW-9023 is ineffective.

### 22.3.2. HMI Operation

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9018 | disable(set ON)/enable (set OFF) mouse cursor | R/W | R/C | R/C | Y |
| LB-9019 | disable(set ON)/enable (set OFF) sound output | R/W | R/C | R/C | Y |
| LB-9020 | show (set ON)/ hide (set OFF) system setting bar | R/W | R/C | R/C | Y |
| LB-9033 | disable(when on)/enable (when off) HMI upload function *Note 1 | R/W | R/C | R | Y |
| LB-9040 | backlight up (set ON) *Note 2 | W | C | C | Y |
| LB-9041 | backlight down (set ON) *Note 2 | W | C | C | Y |
| LB-9047 | reboot HMI (set ON when LB-9048 is on) | W | C | C | Y |
| LB-9048 | reboot-HMI protection | R/W | R/C | R/C | Y |
| LB-9062 | open hardware setting dialog (set ON) | W | C | C | Y |
| LB-9063 | disable(set ON)/enable(set OFF) popping information dialog while finding an USB disk | R/W | R/C | R/C | Y |
| LB-9064 | enable USB barcode device (disable keyboard) (when ON) *Note 5 | R/W | R/C | R | Y |
| LB-11959 | LED indicator control *Note 4 | R/W | R/C | R/C | N |
| LB-12042 | open/close [System information] dialog (set ON/set OFF) | R/W | R/C | R/C | N |
| LB-12051 | buzzer control (active when ON) | R/W | R/C | R/C | Y |
| LB-12360 | CPU loading alarm (> 95%) *Note 6 | R | R | R | Y |
| LB-12364 | show (set ON)/hide (set OFF) [Reset HMI to | R/W | R/C | R/C | N |

| | | | | | |
|---|---|---|---|---|---|
| | default] button in calibration mode | | | | |
| LB-12660 | status of reset button (when the button is pressed, status is ON) | R | R | R | Y |
| LB-12665 | open USB/SD card download/upload dialog | R/W | R/C | R/C | Y |
| LB-12752 | disable(set OFF)/enable(set ON) vibration. (Supported OS version : 20200618 or later) *Note 7 | R/W | R/C | R/C | Y |
| LW-9007 | (16bit) : hardware index | R | R | R | N |
| LW-9008 | (32bit-float) : battery voltage *Note 3 | R | R | R | N |
| LW-9025 | (16bit) : CPU loading (x 100%) | R | R | R | Y |
| LW-9026 | (16bit) : OS version (year) | R | R | R | Y |
| LW-9027 | (16bit) : OS version (month) | R | R | R | Y |
| LW-9028 | (16bit) : OS version (day) | R | R | R | Y |
| LW-9040 | (16bit) : backlight index *Note 2 | R/W | R/C | R/C | Y |
| LW-9051 | (16bit) : audio volume (0 ~100) | R/W | R/C | R/C | Y |
| LW-9054 | (32bit) : HMI model ID | R | R | R | Y |
| LW-9080 | (16bit) : backlight saver time (unit : minute) | R/W | R/C | R/C | Y |
| LW-9081 | (16bit) : screen saver time (unit : minute) | R/W | R/C | R/C | Y |
| LW-9141 | (16bit) : HMI station no. | R/W | R/C | R/C | Y |
| LW-9199 | (16bit) : external keyboard layout : 0: (QWERTY), 1: (AZERTY), 2: (Cyrillic) | R/W | R/C | R/C | Y |
| LW-9350 | (16bit) : pending command no. in local HMI | R | R | R | Y |
| LW-10884 | (16 words) : HMI name | R/W | R/C | R/C | Y |
| LW-11155 | (32bit) : the total size of HMI memory (K bytes) | R | R | R | Y |
| LW-11157 | (32bit) : the free size of HMI memory (K bytes) | R | R | R | Y |
| LW-11159 | (16bit) : memory loading (x 100%) | R | R | R | Y |
| LW-11382 | (16bit) : DIP switch status (bit 0 : DIP 1, bit 1 : DIP 2, bit 2 : DIP 3) | R | R | R | Y |
| LW-12834 | (16bit) : System setting theme (0: light , 1: dark) | R/W | R/C | R/C | Y |

## Note

1. After changing the settings, please reboot HMI for the updates to take effect.
2. Use LW-9040 together with LB-9040 ~ LB-9041 to adjust the backlight brightness, range: 0 ~ 31.
3. Only supported by eMT Series. When the battery voltage level, indicated by LW-9008, drops below 2.8V, battery replacement is recommended.

4. When multiple mTV or cMT-SVR/cMT-HDM/cMT-FHD devices are used, this register can be triggered to make the LED indicator blink for identifying the device.
5. LB-9064: Enable USB barcode device (disable keyboard).

Click the icon to download the demo project. Please confirm your internet connection.

6. This register will be set to ON if CPU loading remains over 95% for 30 seconds.
7. Only supported on cMT3162X.

### 22.3.3. Touch Position

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LW-9041 | (16bit) : touch status word(bit 0 on = user is touching the screen) | R | R | R | Y |
| LW-9042 | (16bit) : touch x position | R | R | R | Y |
| LW-9043 | (16bit) : touch y position | R | R | R | Y |
| LW-9044 | (16bit) : leave x position | R | R | R | Y |
| LW-9045 | (16bit) : leave y position | R | R | R | Y |

Click the icon to download the demo project that explains how to how to trigger relevant registers to change page with finger slide. Please confirm your internet connection.

### 22.3.4. Local HMI Network Information

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-12041 | refresh HMI ethernet information (DHCP, gateway, netmask, IP) (set ON) | R/W | R/C | R/C | Y |
| LB-12094 | update ethernet 1 setting (IP, netmask, gateway) (set ON) | R/W | R/C | R/C | Y |
| LB-12095 | update ethernet 2 setting (IP, netmask) (set ON) | R/W | R/C | R/C | Y |
| LB-12822 | disable(set OFF)/enable(set ON) ethernet bridge mode | R/W | R/C | R/C | Y |
| LW-9125 | (16bit) : HMI ethernet 1 gateway 0 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-9126 | (16bit) : HMI ethernet 1 gateway 1 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-9127 | (16bit) : HMI ethernet 1 gateway 2 (for HMI | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| | use only) | | | | |
| LW-9128 | (16bit) : HMI ethernet 1 gateway 3 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-9129 | (16bit) : HMI ethernet 1 IP 0 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-9130 | (16bit) : HMI ethernet 1 IP 1 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-9131 | (16bit) : HMI ethernet 1 IP 2 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-9132 | (16bit) : HMI ethernet 1 IP 3 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-9133 | (16bit) : ethernet port no. | R | R | R | Y |
| LW-9135 | (16bit) : HMI media access control (MAC) address 0 | R | R | R | Y |
| LW-9136 | (16bit) : HMI media access control (MAC) address 1 | R | R | R | Y |
| LW-9137 | (16bit) : HMI media access control (MAC) address 2 | R | R | R | Y |
| LW-9138 | (16bit) : HMI media access control (MAC) address 3 | R | R | R | Y |
| LW-9139 | (16bit) : HMI media access control (MAC) address 4 | R | R | R | Y |
| LW-9140 | (16bit) : HMI media access control (MAC) address 5 | R | R | R | Y |
| LW-10750 | (16bit) : HMI ethernet 1 Mask 0 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-10751 | (16bit) : HMI ethernet 1 Mask 1 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-10752 | (16bit) : HMI ethernet 1 Mask 2 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-10753 | (16bit) : HMI ethernet 1 Mask 3 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-10786 | (16bit) : HMI ethernet 2 IP 0 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-10787 | (16bit) : HMI ethernet 2 IP 1 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-10788 | (16bit) : HMI ethernet 2 IP 2 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-10789 | (16bit) : HMI ethernet 2 IP 3 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-10790 | (16bit) : HMI ethernet 2 netmask 0 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-10791 | (16bit) : HMI ethernet 2 netmask 1 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-10792 | (16bit) : HMI ethernet 2 netmask 2 (for HMI | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| | use only) | | | | |
| LW-10793 | (16bit) : HMI ethernet 2 netmask 3 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-10794 | (16bit) : HMI ethernet 2 gateway 0 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-10795 | (16bit) : HMI ethernet 2 gateway 1 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-10796 | (16bit) : HMI ethernet 2 gateway 2 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-10797 | (16bit) : HMI ethernet 2 gateway 3 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-10798 | (16bit) : ethernet 2 media access control (MAC) address 0 | R | R | R | Y |
| LW-10799 | (16bit) : ethernet 2 media access control (MAC) address 1 | R | R | R | Y |
| LW-10800 | (16bit) : ethernet 2 media access control (MAC) address 2 | R | R | R | Y |
| LW-10801 | (16bit) : ethernet 2 media access control (MAC) address 3 | R | R | R | Y |
| LW-10802 | (16bit) : ethernet 2 media access control (MAC) address 4 | R | R | R | Y |
| LW-10803 | (16bit) : ethernet 2 media access control (MAC) address 5 | R | R | R | Y |
| LW-10804 | (16bit) : HMI ethernet 1 domain name system (DNS) server IP0 | R/W | R/C | R/C | Y |
| LW-10805 | (16bit) : HMI Ethernet 1 domain name system (DNS) server IP1 | R/W | R/C | R/C | Y |
| LW-10806 | (16bit) : HMI Ethernet 1 domain name system (DNS) server IP2 | R/W | R/C | R/C | Y |
| LW-10807 | (16bit) : HMI Ethernet 1 domain name system (DNS) server IP3 | R/W | R/C | R/C | Y |
| LW-10808 | (16bit) : HMI ethernet 2 domain name system (DNS) server IP0 | R/W | R/C | R/C | Y |
| LW-10809 | (16bit) : HMI ethernet 2 domain name system (DNS) server IP1 | R/W | R/C | R/C | Y |
| LW-10810 | (16bit) : HMI ethernet 2 domain name system (DNS) server IP2 | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-10811 | (16bit) : HMI ethernet 2 domain name system (DNS) server IP3 | R/W | R/C | R/C | Y |
| LW-10812 | (16bit) : obtain an IP address automatically (DHCP => 0 : off, 1 : on) | R/W | R/C | R/C | Y |
| LW-10813 | (16bit) : obtain an ethernet 2 IP address automatically (DHCP => 0 : off, 1 : on) | R/W | R/C | R/C | Y |
| LW-10815 | (16bit) : link speed of ethernet 1 (0:failure, 10 (10M), 100 (100M), 1000 (1G)) | R | R | R | Y |
| LW-10816 | (16bit) : link speed of ethernet 2 (0:failure, 10 (10M), 100 (100M), 1000 (1G)) | R | R | R | Y |

### 22.3.5. Project File Information

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LW-9100 | (16bit) : project name (14 words) | R | R | R | Y |
| LW-9116 | (32bit) : project size in bytes | R | R | R | Y |
| LW-9118 | (32bit) : project size in K bytes | R | R | R | Y |
| LW-9120 | (32bit) : EasyBuilder Pro version | R | R | R | Y |
| LW-9122 | (16bit) : project compiled date [year] | R | R | R | Y |
| LW-9123 | (16bit) : project compiled date [month] | R | R | R | Y |
| LW-9124 | (16bit) : project compiled date [day] | R | R | R | Y |
| LW-11440 | (16bit) : project compiled time [hour] (24-hour format) | R | R | R | Y |
| LW-11441 | (16bit) : project compiled time [minute] | R | R | R | Y |
| LW-11442 | (16bit) : project compiled time [second] | R | R | R | Y |
| LW-12752 | (16 words) : project checksum | R | R | R | Y |
| LW-12825 | (32bit) : EasyBuilder Pro version (full) | R | R | R | Y |

### 22.3.6. Storage Space Management

System registers listed in this section are available exclusively for models equipped with an SD card slot or two USB ports only.

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9035 | HMI free space insufficiency alarm (when ON) | R | R | R | Y |
| LB-9036 | SD card free space insufficiency alarm (when ON) | R | R | R | Y |
| LB-9037 | USB disk 1 free space insufficiency alarm | R | R | R | Y |

| | | | | | |
|---|---|---|---|---|---|
| | (when ON) | | | | |
| LB-9038 | USB disk 2 free space insufficiency alarm (when ON) *Note 1 | R | R | R | Y |
| LB-12048 | USB disk 1 status (exists when ON) | R | R | R | Y |
| LB-12049 | USB disk 2 status (exists when ON) *Note 1 | R | R | R | Y |
| LB-12050 | SD card status (exists when ON) | R | R | R | Y |
| LW-9070 | (16bit) : free space insufficiency warning (Mega bytes) | R | R | R | N |
| LW-9071 | (16bit) : reserved free space size (Mega bytes) | R | R | R | N |
| LW-9072 | (32bit) : HMI current free space (K bytes) | R | R | R | Y |
| LW-9074 | (32bit) : SD current free space (K bytes) | R | R | R | Y |
| LW-9076 | (32bit) : USB disk 1 current free space (K bytes) | R | R | R | Y |
| LW-9078 | (32bit) : USB disk 2 current free space (K bytes) *Note 1 | R | R | R | N |
| LW-11458 | (32bit) : HMI total space for history data (K bytes) *Note 2 | R | R | R | Y |
| LW-11460 | (32bit) : HMI current free space for history data (K bytes) *Note 2 | R | R | R | Y |
| LW-12492 | (4 words) : last detected USB partition ID *Note 3 | R | R | R | Y |
| LW-12496 | (32-bit float) : last detected USB partition size (GB) *Note 3 | R | R | R | Y |
| LW-12498 | (4 words) : set the partition ID to be used as USB1 *Note 3 | R/W | R/C | R/C | Y |
| LW-12502 | (4 words) : set the partition ID to be used as USB2 *Note 3 | R/W | R/C | R/C | Y |
| LW-12829 | (32bit) : HMI available space for history data (K bytes) | R | R | R | Y |

## Note

1. The registers relating to USB disk 2 are only supported on iP / iE and cMT X Series models.
2. Only available on cMT / cMT X Series model.
3. When a USB's partition ID is manually set in LW-12498/LW-12502, only this USB disk will be identified as USB1/USB2. To remove the partition ID association, please set an empty value in LW-12498/LW-12502. When the same partition ID is used as both USB1 ID (LW-12498) and USB2 ID (LW-12502), the USB disk associated with this USB ID will be identified as USB1.

Click the icon to download the demo project that explains how to use LW-9072 ~ LW-9076 with Backup Object. Please confirm your internet connection.

### 22.3.7. Recipe and Extended Memory

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9028 | reset all recipe data (set ON) | W | C | C | Y |
| LB-9029 | save all recipe data to machine (set ON) | W | C | C | Y |
| LB-9460 | EM0's storage device (SD card) does not exist (when ON) | R | R | R | Y |
| LB-9461 | EM1's storage device (SD card) does not exist (when ON) | R | R | R | Y |
| LB-9462 | EM2's storage device (SD card) does not exist (when ON) | R | R | R | Y |
| LB-9463 | EM3's storage device (SD card) does not exist (when ON) | R | R | R | Y |
| LB-9464 | EM4's storage device (SD card) does not exist (when ON) | R | R | R | Y |
| LB-9465 | EM5's storage device (SD card) does not exist (when ON) | R | R | R | Y |
| LB-9466 | EM6's storage device (SD card) does not exist (when ON) | R | R | R | Y |
| LB-9467 | EM7's storage device (SD card) does not exist (when ON) | R | R | R | Y |
| LB-9468 | EM8's storage device (SD card) does not exist (when ON) | R | R | R | Y |
| LB-9469 | EM9's storage device (SD card) does not exist (when ON) | R | R | R | Y |
| LB-9470 | EM0's storage device (USB disk) does not exist (when ON) | R | R | R | Y |
| LB-9471 | EM1's storage device (USB disk) does not exist (when ON) | R | R | R | Y |
| LB-9472 | EM2's storage device (USB disk) does not exist (when ON) | R | R | R | Y |
| LB-9473 | EM3's storage device (USB disk) does not | R | R | R | Y |

| | | | | | |
|---|---|---|---|---|---|
| | exist (when ON) | | | | |
| LB-9474 | EM4's storage device (USB disk) does not exist (when ON) | R | R | R | Y |
| LB-9475 | EM5's storage device (USB disk) does not exist (when ON) | R | R | R | Y |
| LB-9476 | EM6's storage device (USB disk) does not exist (when ON) | R | R | R | Y |
| LB-9477 | EM7's storage device (USB disk) does not exist (when ON) | R | R | R | Y |
| LB-9478 | EM8's storage device (USB disk) does not exist (when ON) | R | R | R | Y |
| LB-9479 | EM9's storage device (USB disk) does not exist (when ON) | R | R | R | Y |
| LB-9480 | EM0's storage device (USB disk 2) does not exist (when ON) | R | R | R | Y |
| LB-9481 | EM1's storage device (USB disk 2) does not exist (when ON) | R | R | R | Y |
| LB-9482 | EM2's storage device (USB disk 2) does not exist (when ON) | R | R | R | Y |
| LB-9483 | EM3's storage device (USB disk 2) does not exist (when ON) | R | R | R | Y |
| LB-9484 | EM4's storage device (USB disk 2) does not exist (when ON) | R | R | R | Y |
| LB-9485 | EM5's storage device (USB disk 2) does not exist (when ON) | R | R | R | Y |
| LB-9486 | EM6's storage device (USB disk 2) does not exist (when ON) | R | R | R | Y |
| LB-9487 | EM7's storage device (USB disk 2) does not exist (when ON) | R | R | R | Y |
| LB-9488 | EM8's storage device (USB disk 2) does not exist (when ON) | R | R | R | Y |
| LB-9489 | EM9's storage device (USB disk 2) does not exist (when ON) | R | R | R | Y |
| LB-12363 | Prohibit recipe database update from remote HMI (set ON) | R/W | R/C | R/C | Y |
| LB-12801 | EM10's storage device (SD card) does not exist (when ON) | R | R | R | Y |

| | | | | | |
|---|---|---|---|---|---|
| LB-12802 | EM11's storage device (SD card) does not exist (when ON) | R | R | R | Y |
| LB-12803 | EM12's storage device (SD card) does not exist (when ON) | R | R | R | Y |
| LB-12804 | EM13's storage device (SD card) does not exist (when ON) | R | R | R | Y |
| LB-12805 | EM14's storage device (SD card) does not exist (when ON) | R | R | R | Y |
| LB-12806 | EM15's storage device (SD card) does not exist (when ON) | R | R | R | Y |
| LB-12807 | EM10's storage device (USB disk) does not exist (when ON) | R | R | R | Y |
| LB-12808 | EM11's storage device (USB disk) does not exist (when ON) | R | R | R | Y |
| LB-12809 | EM12's storage device (USB disk) does not exist (when ON) | R | R | R | Y |
| LB-12810 | EM13's storage device (USB disk) does not exist (when ON) | R | R | R | Y |
| LB-12811 | EM14's storage device (USB disk) does not exist (when ON) | R | R | R | Y |
| LB-12812 | EM15's storage device (USB disk) does not exist (when ON) | R | R | R | Y |
| LB-12813 | EM10's storage device (USB disk 2) does not exist (when ON) | R | R | R | Y |
| LB-12814 | EM11's storage device (USB disk 2) does not exist (when ON) | R | R | R | Y |
| LB-12815 | EM12's storage device (USB disk 2) does not exist (when ON) | R | R | R | Y |
| LB-12816 | EM13's storage device (USB disk 2) does not exist (when ON) | R | R | R | Y |
| LB-12817 | EM14's storage device (USB disk 2) does not exist (when ON) | R | R | R | Y |
| LB-12818 | EM15's storage device (USB disk 2) does not exist (when ON) | R | R | R | Y |

### 22.3.8. Data Sampling

System registers listed in this section are available exclusively for models equipped with an SD card slot or two USB ports only.

Using system registers to delete files, view or update Data Sampling related file information is not supported on cMT Series models. Files can be deleted using the control address designated in Data Sampling settings window, please see Chapter 8 in this manual for more information.

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9025 | delete the earliest data sampling file on HMI memory (set ON) | W | C | C | N |
| LB-9026 | delete all data sampling files on HMI memory (set ON) | W | C | C | Y |
| LB-9027 | refresh data sampling information on HMI memory (set ON) | W | C | C | N |
| LB-9034 | save event/data sampling/operation log to HMI, USB disk, SD card (set ON) *Note 1 | W | C | C | Y |
| LB-11949 | delete the earliest data sampling file on SD card (set ON) | W | C | C | N |
| LB-11950 | delete all data sampling files on SD card (set ON) | W | C | C | Y |
| LB-11951 | refresh data sampling information on SD card (set ON) | W | C | C | N |
| LB-11952 | delete the earliest data sampling file on USB disk 1 (set ON) | W | C | C | N |
| LB-11953 | delete all data sampling files on USB disk 1 (set ON) | W | C | C | Y |
| LB-11954 | refresh data sampling information on USB disk 1 (set ON) | W | C | C | N |
| LB-11955 | delete the earliest data sampling file on USB disk 2 (set ON) *Note 3 | W | C | C | N |
| LB-11956 | delete all data sampling files on USB disk 2 (set ON) *Note 3 | W | C | C | Y |
| LB-11957 | refresh data sampling information on USB disk 2 (set ON) *Note 3 | W | C | C | N |
| LW-9063 | (16bit) : no. of data sampling files on HMI memory | R | R | R | N |
| LW-9064 | (32bit) : size of data sampling files on HMI memory (bytes) | R | R | R | N |
| LW-10489 | (16bit) : no. of data sampling files on SD card | R | R | R | N |
| LW-10490 | (32bit) : size of data sampling files on SD card | R | R | R | N |

| | | | | | |
|---|---|---|---|---|---|
| | (bytes) | | | | |
| LW-10492 | (16bit) : no. of data sampling files on USB disk 1 | R | R | R | N |
| LW-10493 | (32bit) : size of data sampling files on USB disk 1 (bytes) | R | R | R | N |
| LW-10495 | (16bit) : no. of data sampling files on USB disk 2 *Note 3 | R | R | R | N |
| LW-10496 | (32bit) : size of data sampling files on USB disk 2 (bytes) *Note 3 | R | R | R | N |

## Note

1. The shortest interval between two successful executions is 2 seconds.
2. The registers for deleting or updating data samplings do not work during simulation on PC.
3. The registers relating to USB disk 2 are only supported on iP / iE Series models.

### 22.3.9. Event Log

System registers listed in this section are available exclusively for models equipped with an SD card slot or two USB ports only.
Using system registers to delete files, view or update Event Log related file information is not supported on cMT Series models. Files can be deleted using the control address designated in Event Log settings window, please see Chapter 7 in this manual for more information.

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9021 | reset current event log (OFF->ON) | W | C | C | N |
| LB-9022 | delete the earliest event log file on HMI memory (set ON) | W | C | C | N |
| LB-9023 | delete all event log files on HMI memory (set ON) | W | C | C | Y |
| LB-9024 | refresh event log information on HMI memory (set ON) | W | C | C | N |
| LB-9034 | save event/data sampling/operation log to HMI, USB disk, SD card (set ON) *Note 2 | W | C | C | Y |
| LB-9042 | acknowledge all alarm events (set ON) | W | C | C | Y |
| LB-9043 | unacknowledged events exist (when ON) | R | R | R | Y |
| LB-11940 | delete the earliest event log file on SD card (set ON) | W | C | C | N |

| | | | | | |
|---|---|---|---|---|---|
| LB-11941 | delete all event log files on SD card (set ON) | W | C | C | Y |
| LB-11942 | refresh event log information on SD card (set ON) | W | C | C | N |
| LB-11943 | delete the earliest event log file on USB disk 1 (set ON) | W | C | C | N |
| LB-11944 | delete all event log files on USB disk 1 (set ON) | W | C | C | Y |
| LB-11945 | refresh event log information on USB disk 1 (set ON) | W | C | C | N |
| LB-11946 | delete the earliest event log file on USB disk 2 (set ON) *Note 4 | W | C | C | N |
| LB-11947 | delete all event log files on USB disk 2 (set ON) *Note 4 | W | C | C | Y |
| LB-11948 | refresh event log information on USB disk 2 (set ON) *Note 4 | W | C | C | N |
| LB-12024 | disable alarm buzzer (set ON) | W | C | C | Y |
| LB-12399 | status is on when alarm exists in any category *Note 5 | R | R | R | Y |
| LB-12400 | status is on when alarm exists in category 0 *Note 5 | R | R | R | Y |
| LB-12401 | status is on when alarm exists in category 1 *Note 5 | R | R | R | Y |
| LB-12402 | status is on when alarm exists in category 2 *Note 5 | R | R | R | Y |
| LB-12403 | status is on when alarm exists in category 3 *Note 5 | R | R | R | Y |
| LB-12404 | status is on when alarm exists in category 4 *Note 5 | R | R | R | Y |
| LB-12405 | status is on when alarm exists in category 5 *Note 5 | R | R | R | Y |
| LB-12406 | status is on when alarm exists in category 6 *Note 5 | R | R | R | Y |
| LB-12407 | status is on when alarm exists in category 7 *Note 5 | R | R | R | Y |
| LB-12655 | status is on when alarm exists in category 255 *Note 5 | R | R | R | Y |
| LW-9060 | (16bit) : no. of event log files on HMI | R | R | R | N |

| | | | | | |
|---|---|---|---|---|---|
| | memory | | | | |
| LW-9061 | (32bit) : size of event log files on HMI memory (bytes) | R | R | R | N |
| LW-9450 | (16bit) : time tag of event log – second *Note 1 | R/W | R/C | R/C | Y |
| LW-9451 | (16bit) : time tag of event log – minute *Note 1 | R/W | R/C | R/C | Y |
| LW-9452 | (16bit) : time tag of event log – hour *Note 1 | R/W | R/C | R/C | Y |
| LW-9453 | (16bit) : time tag of event log – day *Note 1 | R/W | R/C | R/C | Y |
| LW-9454 | (16bit) : time tag of event log – month *Note 1 | R/W | R/C | R/C | Y |
| LW-9455 | (16bit) : time tag of event log – year *Note 1 | R/W | R/C | R/C | Y |
| LW-10480 | (16bit) : no. of event log files on SD card | R | R | R | N |
| LW-10481 | (32bit) : size of event log files on SD card (bytes) | R | R | R | N |
| LW-10483 | (16bit) : no. of event log files on USB disk 1 | R | R | R | N |
| LW-10484 | (32bit) : size of event log files on USB disk 1 (bytes) | R | R | R | N |
| LW-10486 | (16bit) : no. of event log files on USB disk 2 *Note 4 | R | R | R | N |
| LW-10487 | (32bit) : size of event log files on USB disk 2 (bytes) *Note 4 | R | R | R | N |
| LW-11443 | (16bit) : push notification alarm status (0 : none; 1 : green; 2 : yellow; 3 : red) | R | R | R | Y |
| LW-11499 | total no. of alarms *Note 5 | R | R | R | Y |
| LW-11500 | no. of alarms in category 0 *Note 5 | R | R | R | Y |
| LW-11501 | no. of alarms in category 1 *Note 5 | R | R | R | Y |
| LW-11502 | no. of alarms in category 2 *Note 5 | R | R | R | Y |
| LW-11503 | no. of alarms in category 3 *Note 5 | R | R | R | Y |
| LW-11504 | no. of alarms in category 4 *Note 5 | R | R | R | Y |
| LW-11505 | no. of alarms in category 5 *Note 5 | R | R | R | Y |
| LW-11506 | no. of alarms in category 6 *Note 5 | R | R | R | Y |
| LW-11507 | no. of alarms in category 7 *Note 5 | R | R | R | Y |
| LW-11755 | no. of alarms in category 255 *Note 5 | R | R | R | Y |
| LW-11763 | (16bit) : total no. of low priority level alarms *Note 5 | R | R | R | Y |
| LW-11764 | (16bit) : total no. of normal priority level | R | R | R | Y |

| | | | | | |
|---|---|---|---|---|---|
| | alarms *Note 5 | | | | |
| LW-11765 | (16bit) : total no. of high priority level alarms *Note 5 | R | R | R | Y |
| LW-11766 | (16bit) : total no. of emergency priority level alarms *Note 5 | R | R | R | Y |

## Note

1. If LW-9450 ~ LW-9455 are used to get Event Log time, please enable in [system parameters] » [General].

   Click the icon to download the demo project that explains how to use the system registers LW-9450 to LW-9455 to be the time tag of event log. Please confirm your internet connection.
2. The shortest interval between two successful executions is 2 seconds.
3. The registers for deleting or updating event logs do not work during simulation on PC.
4. The registers relating to USB disk 2 are only supported on iP / iE Series models.
5. Supported only on cMT / cMT X Series.

### 22.3.10. Station Number Variables

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LW-10000 | (16bit) : var0 - station no variable (usage : var0#address) | R/W | R/C | R/C | Y |
| LW-10001 | (16bit) : var1 - station no variable (usage : var1#address) | R/W | R/C | R/C | Y |
| LW-10002 | (16bit) : var2 - station no variable (usage : var2#address) | R/W | R/C | R/C | Y |
| LW-10003 | (16bit) : var3 - station no variable (usage : var3#address) | R/W | R/C | R/C | Y |
| LW-10004 | (16bit) : var4 - station no variable (usage : var4#address) | R/W | R/C | R/C | Y |
| LW-10005 | (16bit) : var5 - station no variable (usage : var5#address) | R/W | R/C | R/C | Y |
| LW-10006 | (16bit) : var6 - station no variable (usage : var6#address) | R/W | R/C | R/C | Y |
| LW-10007 | (16bit) : var7 - station no variable (usage : var7#address) | R/W | R/C | R/C | Y |
| LW-10008 | (16bit) : var8 - station no variable (usage : | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| | var8#address) | | | | |
| LW-10009 | (16bit) : var9 - station no variable (usage : var9#address) | R/W | R/C | R/C | Y |
| LW-10010 | (16bit) : var10 - station no variable (usage : var10#address) | R/W | R/C | R/C | Y |
| LW-10011 | (16bit) : var11 - station no variable (usage : var11#address) | R/W | R/C | R/C | Y |
| LW-10012 | (16bit) : var12 - station no variable (usage : var12#address) | R/W | R/C | R/C | Y |
| LW-10013 | (16bit) : var13 - station no variable (usage : var13#address) | R/W | R/C | R/C | Y |
| LW-10014 | (16bit) : var14 - station no variable (usage : var14#address) | R/W | R/C | R/C | Y |
| LW-10015 | (16bit) : var15 - station no variable (usage : var15#address) | R/W | R/C | R/C | Y |

Click the icon to download the demo project. Please confirm your internet connection.

### 22.3.11. Index Registers

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LW-9000 | (16bit) : index register of RWI | R/W | R/C | R/C | Y |
| LW-9200 | (16bit) : address index 0 | R/W | R/C | R/C | Y |
| LW-9201 | (16bit) : address index 1 | R/W | R/C | R/C | Y |
| LW-9202 | (16bit) : address index 2 | R/W | R/C | R/C | Y |
| LW-9203 | (16bit) : address index 3 | R/W | R/C | R/C | Y |
| LW-9204 | (16bit) : address index 4 | R/W | R/C | R/C | Y |
| LW-9205 | (16bit) : address index 5 | R/W | R/C | R/C | Y |
| LW-9206 | (16bit) : address index 6 | R/W | R/C | R/C | Y |
| LW-9207 | (16bit) : address index 7 | R/W | R/C | R/C | Y |
| LW-9208 | (16bit) : address index 8 | R/W | R/C | R/C | Y |
| LW-9209 | (16bit) : address index 9 | R/W | R/C | R/C | Y |
| LW-9210 | (16bit) : address index 10 | R/W | R/C | R/C | Y |
| LW-9211 | (16bit) : address index 11 | R/W | R/C | R/C | Y |
| LW-9212 | (16bit) : address index 12 | R/W | R/C | R/C | Y |
| LW-9213 | (16bit) : address index 13 | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-9214 | (16bit) : address index 14 | R/W | R/C | R/C | Y |
| LW-9215 | (16bit) : address index 15 | R/W | R/C | R/C | Y |
| LW-9230 | (32bit) : address index 16 | R/W | R/C | R/C | Y |
| LW-9232 | (32bit) : address index 17 | R/W | R/C | R/C | Y |
| LW-9234 | (32bit) : address index 18 | R/W | R/C | R/C | Y |
| LW-9236 | (32bit) : address index 19 | R/W | R/C | R/C | Y |
| LW-9238 | (32bit) : address index 20 | R/W | R/C | R/C | Y |
| LW-9240 | (32bit) : address index 21 | R/W | R/C | R/C | Y |
| LW-9242 | (32bit) : address index 22 | R/W | R/C | R/C | Y |
| LW-9244 | (32bit) : address index 23 | R/W | R/C | R/C | Y |
| LW-9246 | (32bit) : address index 24 | R/W | R/C | R/C | Y |
| LW-9248 | (32bit) : address index 25 | R/W | R/C | R/C | Y |
| LW-9250 | (32bit) : address index 26 | R/W | R/C | R/C | Y |
| LW-9252 | (32bit) : address index 27 | R/W | R/C | R/C | Y |
| LW-9254 | (32bit) : address index 28 | R/W | R/C | R/C | Y |
| LW-9256 | (32bit) : address index 29 | R/W | R/C | R/C | Y |
| LW-9258 | (32bit) : address index 30 | R/W | R/C | R/C | Y |
| LW-9260 | (32bit) : address index 31 | R/W | R/C | R/C | Y |
| PLW-9200 | (16bit) : private address index 0 | R/W | N/A | N/A | Y |
| PLW-9201 | (16bit) : private address index 1 | R/W | N/A | N/A | Y |
| PLW-9202 | (16bit) : private address index 2 | R/W | N/A | N/A | Y |
| PLW-9203 | (16bit) : private address index 3 | R/W | N/A | N/A | Y |
| PLW-9204 | (16bit) : private address index 4 | R/W | N/A | N/A | Y |
| PLW-9205 | (16bit) : private address index 5 | R/W | N/A | N/A | Y |
| PLW-9206 | (16bit) : private address index 6 | R/W | N/A | N/A | Y |
| PLW-9207 | (16bit) : private address index 7 | R/W | N/A | N/A | Y |
| PLW-9208 | (16bit) : private address index 8 | R/W | N/A | N/A | Y |
| PLW-9209 | (16bit) : private address index 9 | R/W | N/A | N/A | Y |
| PLW-9210 | (16bit) : private address index 10 | R/W | N/A | N/A | Y |
| PLW-9211 | (16bit) : private address index 11 | R/W | N/A | N/A | Y |
| PLW-9212 | (16bit) : private address index 12 | R/W | N/A | N/A | Y |
| PLW-9213 | (16bit) : private address index 13 | R/W | N/A | N/A | Y |
| PLW-9214 | (16bit) : private address index 14 | R/W | N/A | N/A | Y |
| PLW-9215 | (16bit) : private address index 15 | R/W | N/A | N/A | Y |
| PLW-9230 | (32bit) : private address index 16 | R/W | N/A | N/A | Y |
| PLW-9232 | (32bit) : private address index 17 | R/W | N/A | N/A | Y |
| PLW-9234 | (32bit) : private address index 18 | R/W | N/A | N/A | Y |

| | | | | | |
|---|---|---|---|---|---|
| PLW-9236 | (32bit) : private address index 19 | R/W | N/A | N/A | Y |
| PLW-9238 | (32bit) : private address index 20 | R/W | N/A | N/A | Y |
| PLW-9240 | (32bit) : private address index 21 | R/W | N/A | N/A | Y |
| PLW-9242 | (32bit) : private address index 22 | R/W | N/A | N/A | Y |
| PLW-9244 | (32bit) : private address index 23 | R/W | N/A | N/A | Y |
| PLW-9246 | (32bit) : private address index 24 | R/W | N/A | N/A | Y |
| PLW-9248 | (32bit) : private address index 25 | R/W | N/A | N/A | Y |
| PLW-9250 | (32bit) : private address index 26 | R/W | N/A | N/A | Y |
| PLW-9252 | (32bit) : private address index 27 | R/W | N/A | N/A | Y |
| PLW-9254 | (32bit) : private address index 28 | R/W | N/A | N/A | Y |
| PLW-9256 | (32bit) : private address index 29 | R/W | N/A | N/A | Y |
| PLW-9258 | (32bit) : private address index 30 | R/W | N/A | N/A | Y |
| PLW-9260 | (32bit) : private address index 31 | R/W | N/A | N/A | Y |

Click the icon to download the demo project. Please confirm your internet connection.

### 22.3.12. MODBUS Server Communication

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9055 | MODBUS server (COM 1) receives a request (when ON) | R | R | R | Y |
| LB-9056 | MODBUS server (COM 2) receives a request (when ON) | R | R | R | Y |
| LB-9057 | MODBUS server (COM 3) receives a request (when ON) | R | R | R | Y |
| LB-9058 | MODBUS server (ethernet) receives a request (when ON) | R | R | R | Y |
| LB-12052 | MODBUS server status (disabled when ON) | R/W | R/C | R/C | Y |
| LW-9270 | (16bit) : request's function code - MODBUS server (COM 1) | R | R | R | Y |
| LW-9271 | (16bit) : request's starting address - MODBUS server (COM 1) | R | R | R | Y |
| LW-9272 | (16bit) : request's quantity of registers - MODBUS server (COM 1) | R | R | R | Y |
| LW-9275 | (16bit) : request's function code - MODBUS server (COM 2) | R | R | R | Y |
| LW-9276 | (16bit) : request's starting address - MODBUS | R | R | R | Y |

| | | | | | |
|---|---|---|---|---|---|
| | server (COM 2) | | | | |
| LW-9277 | (16bit) : request's quantity of registers - MODBUS server (COM 2) | R | R | R | Y |
| LW-9280 | (16bit) : request's function code - MODBUS server (COM 3) | R | R | R | Y |
| LW-9281 | (16bit) : request's starting address - MODBUS server (COM 3) | R | R | R | Y |
| LW-9282 | (16bit) : request's quantity of registers - MODBUS server (COM 3) | R | R | R | Y |
| LW-9285 | (16bit) : request's function code - MODBUS server (ethernet) | R | R | R | Y |
| LW-9286 | (16bit) : request's starting address - MODBUS server (ethernet) | R | R | R | Y |
| LW-9287 | (16bit) : request's quantity of registers - MODBUS server (ethernet) | R | R | R | Y |
| LW-9288 | (16bit) : last error code - MODBUS server (ethernet) | R | R | R | Y |
| LW-9289 | (16bit) : last error code - MODBUS server (COM 1) | R | R | R | Y |
| LW-9290 | (16bit) : last error code - MODBUS server (COM 2) | R | R | R | Y |
| LW-9291 | (16bit) : last error code - MODBUS server (COM 3) | R | R | R | Y |
| LW-9541 | (16bit) : MODBUS/ASCII server station no. (COM 1) | R/W | R/C | R/C | Y |
| LW-9542 | (16bit) : MODBUS/ASCII server station no. (COM 2) | R/W | R/C | R/C | Y |
| LW-9543 | (16bit) : MODBUS/ASCII server station no. (COM 3) | R/W | R/C | R/C | Y |
| LW-9544 | (16bit) : MODBUS/ASCII server station no. (ethernet) | R/W | R/C | R/C | Y |
| LW-9570 | (32bit) : received data count (bytes) (COM 1 MODBUS server) | R | R | R | Y |
| LW-9572 | (32bit) : received data count (bytes) (COM 2 MODBUS server) | R | R | R | Y |
| LW-9574 | (32bit) : received data count (bytes) (COM 3 MODBUS server) | R | R | R | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-9576 | (32bit) : received data count (bytes) (Ethernet MODBUS server) | R | R | R | Y |

### 22.3.13. Communication Parameter Settings

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9030 | activate COM 1 new communication settings (LW-9550~9554) (set ON) | R/W | R/C | R/C | Y |
| LB-9031 | activate COM 2 new communication settings (LW-9555~9559) (set ON) | R/W | R/C | R/C | Y |
| LB-9032 | activate COM 3 new communication settings (LW-9560~9564) (set ON) | R/W | R/C | R/C | Y |
| LB-9065 | disable/enable COM 1 broadcast station no. | R/W | R/C | R/C | Y |
| LB-9066 | disable/enable COM 2 broadcast station no. | R/W | R/C | R/C | Y |
| LB-9067 | disable/enable COM 3 broadcast station no. | R/W | R/C | R/C | Y |
| LW-9550 | (16bit) : COM 1 mode (0:RS232,1:RS485 2W,2:RS485 4W) (use LB-9030 to activate all communication settings) | R/W | R/C | R/C | Y |
| LW-9551 | (16bit) : COM 1 baud rate (7:1200,8:2400,0:4800,1:9600,10:14400, 2:19200,11:28800,3:38400,4:57600,..) *Note 1 | R/W | R/C | R/C | Y |
| LW-9552 | (16bit) : COM 1 databits (7 : 7 bits, 8 : 8 bits) | R/W | R/C | R/C | Y |
| LW-9553 | (16bit) : COM 1 parity (0:none, 1:even, 2:odd, 3:mark, 4:space) | R/W | R/C | R/C | Y |
| LW-9554 | (16bit) : COM 1 stop bits (1 : 1 bit, 2 : 2 bits) | R/W | R/C | R/C | Y |
| LW-9555 | (16bit) : COM 2 mode (0:RS232,1:RS485 2W,2:RS485 4W) (use LB-9031 to activate all communication settings) | R/W | R/C | R/C | Y |
| LW-9556 | (16bit) : COM 2 baud rate (7:1200,8:2400,0:4800,1:9600,10:14400, 2:19200,11:28800,3:38400,4:57600,..) *Note 1 | R/W | R/C | R/C | Y |
| LW-9557 | (16bit) : COM 2 databits (7 : 7 bits, 8 : 8 bits) | R/W | R/C | R/C | Y |
| LW-9558 | (16bit) : COM 2 parity (0:none, 1:even, 2:odd, 3:mark, 4:space) | R/W | R/C | R/C | Y |
| LW-9559 | (16bit) : COM 2 stop bits (1 : 1 bit, 2 : 2 bits) | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-9560 | (16bit) : COM 3 mode (0:RS232,1:RS485 2W) (use LB-9032 to activate all communication settings) | R/W | R/C | R/C | Y |
| LW-9561 | (16bit) : COM 3 baud rate (7:1200,8:2400,0:4800,1:9600,10:14400, 2:19200,11:28800,3:38400,4:57600,..) *Note 1 | R/W | R/C | R/C | Y |
| LW-9562 | (16bit) : COM 3 databits (7 : 7 bits, 8 : 8 bits) | R/W | R/C | R/C | Y |
| LW-9563 | (16bit) : COM 3 parity (0:none, 1:even, 2:odd, 3:mark, 4:space) | R/W | R/C | R/C | Y |
| LW-9564 | (16bit) : COM 3 stop bits (1 : 1 bit, 2 : 2 bits) | R/W | R/C | R/C | Y |
| LW-9565 | (16bit) : COM 1 broadcast station no. | R/W | R/C | R/C | Y |
| LW-9566 | (16bit) : COM 2 broadcast station no. | R/W | R/C | R/C | Y |
| LW-9567 | (16bit) : COM 3 broadcast station no. | R/W | R/C | R/C | Y |
| LW-10500 | (16bit) : device 1 timeout (unit : 100ms, 0 : 50ms) | R/W | R/C | R/C | Y |
| LW-10501 | (16bit) : device 1 turn around delay (unit : ms) | R/W | R/C | R/C | Y |
| LW-10502 | (16bit) : device 1 send ACK delay (unit : ms) | R/W | R/C | R/C | Y |
| LW-10503 | (16bit) : device 1 parameter 1 | R/W | R/C | R/C | Y |
| LW-10504 | (16bit) : device 1 parameter 2 | R/W | R/C | R/C | Y |
| LW-10505 | (16bit) : device 2 timeout (unit : 100ms, 0 : 50ms) | R/W | R/C | R/C | Y |
| LW-10506 | (16bit) : device 2 turn around delay (unit : ms) | R/W | R/C | R/C | Y |
| LW-10507 | (16bit) : device 2 send ACK delay (unit : ms) | R/W | R/C | R/C | Y |
| LW-10508 | (16bit) : device 2 parameter 1 | R/W | R/C | R/C | Y |
| LW-10509 | (16bit) : device 2 parameter 2 | R/W | R/C | R/C | Y |
| LW-10510 | (16bit) : device 3 timeout (unit : 100ms, 0 : 50ms) | R/W | R/C | R/C | Y |
| LW-10511 | (16bit) : device 3 turn around delay (unit : ms) | R/W | R/C | R/C | Y |
| LW-10512 | (16bit) : device 3 send ACK delay (unit : ms) | R/W | R/C | R/C | Y |
| LW-10513 | (16bit) : device 3 parameter 1 | R/W | R/C | R/C | Y |
| LW-10514 | (16bit) : device 3 parameter 2 | R/W | R/C | R/C | Y |
| LW-10515 | (16bit) : device 4 timeout (unit : 100ms) | R/W | R/C | R/C | Y |
| LW-10516 | (16bit) : device 4 turn around delay (unit : ms) | R/W | R/C | R/C | Y |
| LW-10517 | (16bit) : device 4 send ACK delay (unit : ms) (SIEMENS S7/400 Link type) | R/W | R/C | R/C | Y |
| LW-10518 | (16bit) : device 4 parameter 1 (SIEMENS | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| | S7/400 rack) | | | | |
| LW-10519 | (16bit) : device 4 parameter 2 (SIEMENS S7/400 CPU slot) | R/W | R/C | R/C | Y |
| LW-10520 | (16bit) : device 5 timeout (unit : 100ms) | R/W | R/C | R/C | Y |
| LW-10521 | (16bit) : device 5 turn around delay (unit : ms) | R/W | R/C | R/C | Y |
| LW-10522 | (16bit) : device 5 send ACK delay (unit : ms) (SIEMENS S7/400 Link type) | R/W | R/C | R/C | Y |
| LW-10523 | (16bit) : device 5 parameter 1 (SIEMENS S7/400 rack) | R/W | R/C | R/C | Y |
| LW-10524 | (16bit) : device 5 parameter 2 (SIEMENS S7/400 CPU slot) | R/W | R/C | R/C | Y |
| LW-10525 | (16bit) : device 6 timeout (unit : 100ms) | R/W | R/C | R/C | Y |
| LW-10526 | (16bit) : device 6 turn around delay (unit : ms) | R/W | R/C | R/C | Y |
| LW-10527 | (16bit) : device 6 send ACK delay (unit : ms) (SIEMENS S7/400 Link type) | R/W | R/C | R/C | Y |
| LW-10528 | (16bit) : device 6 parameter 1 (SIEMENS S7/400 rack) | R/W | R/C | R/C | Y |
| LW-10529 | (16bit) : device 6 parameter 2 (SIEMENS S7/400 CPU slot) | R/W | R/C | R/C | Y |
| LW-10530 | (16bit) : device 7 timeout (unit : 100ms) | R/W | R/C | R/C | Y |
| LW-10531 | (16bit) : device 7 turn around delay (unit : ms) | R/W | R/C | R/C | Y |
| LW-10532 | (16bit) : device 7 send ACK delay (unit : ms) (SIEMENS S7/400 Link type) | R/W | R/C | R/C | Y |
| LW-10533 | (16bit) : device 7 parameter 1 (SIEMENS S7/400 rack) | R/W | R/C | R/C | Y |
| LW-10534 | (16bit) : device 7 parameter 2 (SIEMENS S7/400 CPU slot) | R/W | R/C | R/C | Y |
| LW-10535 | (16bit) : device 8 timeout (unit : 100ms) | R/W | R/C | R/C | Y |
| LW-10536 | (16bit) : device 8 turn around delay (unit : ms) | R/W | R/C | R/C | Y |
| LW-10537 | (16bit) : device 8 send ACK delay (unit : ms) (SIEMENS S7/400 Link type) | R/W | R/C | R/C | Y |
| LW-10538 | (16bit) : device 8 parameter 1 (SIEMENS S7/400 rack) | R/W | R/C | R/C | Y |
| LW-10539 | (16bit) : device 8 parameter 2 (SIEMENS S7/400 CPU slot) | R/W | R/C | R/C | Y |
| LW-10655 | (16bit) : device 32 timeout (unit : 100ms) | R/W | R/C | R/C | Y |
| LW-10656 | (16bit) : device 32 turn around delay (unit : | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| | ms) | | | | |
| LW-10657 | (16bit) : device 32 send ACK delay (unit : ms) | R/W | R/C | R/C | Y |
| LW-10658 | (16bit) : device 32 parameter 1 | R/W | R/C | R/C | Y |
| LW-10659 | (16bit) : device 32 parameter 2 | R/W | R/C | R/C | Y |

**Note**

1. The Baud Rates are: 0:4800, 1:9600, 2:19200, 3:38400, 4:57600, 5:115200, 6:187.5K, 7:1200, 8:2400, 10:14400, 11:28800, 12:76800

### 22.3.14. Communication Status and Control with Device (COM)

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9150 | auto. connection for device 1 (COM 1) (when ON) | R/W | R/C | R/C | Y |
| LB-9151 | auto. connection for device 2 (COM 2) (when ON) | R/W | R/C | R/C | Y |
| LB-9152 | auto. connection for device 3 (COM 3) (when ON) | R/W | R/C | R/C | Y |
| LB-9200 | device 1 status (SN0, COM 1), set on to retry connection. | R/W | R/C | R/C | Y |
| LB-9201 | device 1 status (SN1, COM 1), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9202 | device 1 status (SN2, COM 1), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9203 | device 1 status (SN3, COM 1), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9204 | device 1 status (SN4, COM 1), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9205 | device 1 status (SN5, COM 1), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9206 | device 1 status (SN6, COM 1), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9207 | device 1 status (SN7, COM 1), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9455 | device 1 status (SN255, COM 1), set on to retry connection | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LB-9500 | device 2 status (SN0, COM 2), set on to retry connection. | R/W | R/C | R/C | Y |
| LB-9501 | device 2 status (SN1, COM 2), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9502 | device 2 status (SN2, COM 2), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9503 | device 2 status (SN3, COM 2), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9504 | device 2 status (SN4, COM 2), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9505 | device 2 status (SN5, COM 2), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9506 | device 2 status (SN6, COM 2), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9507 | device 2 status (SN7, COM 2), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9755 | device 2 status (SN255, COM 2), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9800 | device 3 status (SN0, COM 3), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9801 | device 3 status (SN1, COM 3), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9802 | device 3 status (SN2, COM 3), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9803 | device 3 status (SN3, COM 3), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9804 | device 3 status (SN4, COM 3), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9805 | device 3 status (SN5, COM 3), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9806 | device 3 status (SN6, COM 3), set on to retry connection | R/W | R/C | R/C | Y |
| LB-9807 | device 3 status (SN7, COM 3), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10055 | device 3 status (SN255, COM 3), set on to retry connection | R/W | R/C | R/C | Y |
| LB-12030 | COM 1 status (OFF : normal, ON : open failed) | R | R | R | Y |

| | | | | | |
|---|---|---|---|---|---|
| | *Note 1 | | | | |
| LB-12031 | COM 2 status (OFF : normal, ON : open failed) | R | R | R | Y |
| LB-12032 | COM 3 status (OFF : normal, ON : open failed) | R | R | R | Y |
| LB-12033 | COM 4 status (OFF : normal, ON : open failed) | R | R | R | Y |
| LB-12034 | COM 5 status (OFF : normal, ON : open failed) | R | R | R | Y |
| LB-12035 | COM 6 status (OFF : normal, ON : open failed) | R | R | R | Y |
| LB-12036 | COM 7 status (OFF : normal, ON : open failed) | R | R | R | Y |
| LB-12037 | COM 8 status (OFF : normal, ON : open failed) | R | R | R | Y |
| LB-12038 | COM 9 status (OFF : normal, ON : open failed) | R | R | R | Y |
| LW-9351 | (16bit) : pending command no. in device 1 (COM 1) | R | R | R | Y |
| LW-9352 | (16bit) : pending command no. in device 2 (COM 2) | R | R | R | Y |
| LW-9353 | (16bit) : pending command no. in device 3 (COM 3) | R | R | R | Y |

**Note**

1. The ON state of COM is for checking if COM is occupied by other program during simulation on PC.

### 22.3.15. Communication Status and Control with Device (Ethernet)

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9153 | auto. connection for device 4 (ethernet) (when ON) | R/W | R/C | R/C | Y |
| LB-9154 | auto. connection for device 5 (ethernet) (when ON) | R/W | R/C | R/C | Y |
| LB-9155 | auto. connection for device 6 (ethernet) (when ON) | R/W | R/C | R/C | Y |
| LB-9156 | auto. connection for device 7 (ethernet) (when ON) | R/W | R/C | R/C | Y |
| LB-9157 | auto. connection for device 8 (ethernet) (when ON) | R/W | R/C | R/C | Y |
| LB-9158 | auto. connection for device 9 (ethernet) (when ON) | R/W | R/C | R/C | Y |
| LB-9189 | auto. connection for device 40 (ethernet) (when ON) | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LB-10070 | forced to reconnect device 4 (ethernet) when IP or system parameters changed on-line (set ON) | R/W | R/C | R/C | Y |
| LB-10071 | forced to reconnect device 5 (ethernet) when IP or system parameters changed on-line (set ON) | R/W | R/C | R/C | Y |
| LB-10072 | forced to reconnect device 6 (ethernet) when IP or system parameters changed on-line (set ON) | R/W | R/C | R/C | Y |
| LB-10073 | forced to reconnect device 7 (ethernet) when IP or system parameters changed on-line (set ON) | R/W | R/C | R/C | Y |
| LB-10074 | forced to reconnect device 8 (ethernet) when IP or system parameters changed on-line (set ON) | R/W | R/C | R/C | Y |
| LB-10075 | forced to reconnect device 9 (ethernet) when IP or system parameters changed on-line (set ON) | R/W | R/C | R/C | Y |
| LB-10099 | forced to reconnect device 33 (ethernet) when IP or system parameters changed on-line (set ON) | R/W | R/C | R/C | Y |
| LB-10100 | device 4 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10101 | device 4 status (SN0, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10102 | device 4 status (SN1, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10103 | device 4 status (SN2, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10104 | device 4 status (SN3, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10105 | device 4 status (SN4, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10106 | device 4 status (SN5, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10107 | device 4 status (SN6, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10108 | device 4 status (SN7, ethernet), set on to | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| | retry connection | | | | |
| LB-10356 | device 4 status (SN255, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10400 | device 5 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10401 | device 5 status (SN0, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10402 | device 5 status (SN1, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10403 | device 5 status (SN2, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10404 | device 5 status (SN3, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10405 | device 5 status (SN4, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10406 | device 5 status (SN5, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10407 | device 5 status (SN6, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10408 | device 5 status (SN7, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10656 | device 5 status (SN255, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10700 | device 6 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10701 | device 6 status (SN0, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10702 | device 6 status (SN1, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10703 | device 6 status (SN2, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10704 | device 6 status (SN3, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10705 | device 6 status (SN4, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10706 | device 6 status (SN5, ethernet), set on to retry connection | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LB-10707 | device 6 status (SN6, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10708 | device 6 status (SN7, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-10956 | device 6 status (SN255, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11000 | device 7 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11001 | device 7 status (SN0, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11002 | device 7 status (SN1, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11003 | device 7 status (SN2, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11004 | device 7 status (SN3, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11005 | device 7 status (SN4, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11006 | device 7 status (SN5, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11007 | device 7 status (SN6, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11008 | device 7 status (SN7, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11256 | device 7 status (SN255, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11300 | device 8 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11301 | device 8 status (SN0, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11302 | device 8 status (SN1, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11303 | device 8 status (SN2, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11304 | device 8 status (SN3, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11305 | device 8 status (SN4, ethernet), set on to | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| | retry connection | | | | |
| LB-11306 | device 8 status (SN5, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11307 | device 8 status (SN6, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11308 | device 8 status (SN7, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11556 | device 8 status (SN255, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11600 | device 9 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11601 | device 9 status (SN0, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11602 | device 9 status (SN1, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11603 | device 9 status (SN2, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11604 | device 9 status (SN3, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11605 | device 9 status (SN4, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11606 | device 9 status (SN5, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11607 | device 9 status (SN6, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11608 | device 9 status (SN7, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11856 | device 9 status (SN255, ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11900 | device 10 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11901 | device 11 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11902 | device 12 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11903 | device 13 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LB-11904 | device 14 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11905 | device 15 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11906 | device 16 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-11939 | device 49 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-12670 | auto. connection for device 41 (ethernet) (when ON) | R/W | R/C | R/C | Y |
| LB-12671 | auto. connection for device 42 (ethernet) (when ON) | R/W | R/C | R/C | Y |
| LB-12672 | auto. connection for device 43 (ethernet) (when ON) | R/W | R/C | R/C | Y |
| LB-12673 | auto. connection for device 44 (ethernet) (when ON) | R/W | R/C | R/C | Y |
| LB-12693 | auto. connection for device 64 (ethernet) (when ON) | R/W | R/C | R/C | Y |
| LB-12700 | device 50 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-12701 | device 51 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-12702 | device 52 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-12703 | device 53 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-12714 | device 64 status (ethernet), set on to retry connection | R/W | R/C | R/C | Y |
| LB-12720 | forced to reconnect device 34 (ethernet) when IP or system | R/W | R/C | R/C | Y |
| LB-12721 | forced to reconnect device 35 (ethernet) when IP or system | R/W | R/C | R/C | Y |
| LB-12722 | forced to reconnect device 36 (ethernet) when IP or system | R/W | R/C | R/C | Y |
| LB-12723 | forced to reconnect device 37 (ethernet) when IP or system | R/W | R/C | R/C | Y |
| LB-12750 | forced to reconnect device 64 (ethernet) | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| | when IP or system | | | | |
| LW-9354 | (16bit) : pending command no. in device 4 (ethernet) | R | R | R | Y |
| LW-9355 | (16bit) : pending command no. in device 5 (ethernet) | R | R | R | Y |
| LW-9356 | (16bit) : pending command no. in device 6 (ethernet) | R | R | R | Y |
| LW-9357 | (16bit) : pending command no. in device 7 (ethernet) | R | R | R | Y |
| LW-9389 | (16bit) : pending command no. in device 39 (ethernet) | R | R | R | Y |
| LW-9600 | (16bit) : device 4's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9601 | (16bit) : device 4's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9602 | (16bit) : device 4's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9603 | (16bit) : device 4's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9604 | (16bit) : device 4's port no. | R/W | R/C | R/C | Y |
| LW-9605 | (16bit) : device 5's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9606 | (16bit) : device 5's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9607 | (16bit) : device 5's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9608 | (16bit) : device 5's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9609 | (16bit) : device 5's port no. | R/W | R/C | R/C | Y |
| LW-9610 | (16bit) : device 6's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9611 | (16bit) : device 6's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9612 | (16bit) : device 6's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9613 | (16bit) : device 6's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-9614 | (16bit) : device 6's port no. | R/W | R/C | R/C | Y |
| LW-9615 | (16bit) : device 7's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9616 | (16bit) : device 7's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9617 | (16bit) : device 7's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9618 | (16bit) : device 7's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9619 | (16bit) : device 7's port no. | R/W | R/C | R/C | Y |
| LW-9620 | (16bit) : device 8's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9621 | (16bit) : device 8's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9622 | (16bit) : device 8's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9623 | (16bit) : device 8's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9624 | (16bit) : device 8's port no. | R/W | R/C | R/C | Y |
| LW-9625 | (16bit) : device 9's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9626 | (16bit) : device 9's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9627 | (16bit) : device 9's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9628 | (16bit) : device 9's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9629 | (16bit) : device 9's port no. | R/W | R/C | R/C | Y |
| LW-9765 | (16bit) : device 37's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9766 | (16bit) : device 37's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9767 | (16bit) : device 37's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9768 | (16bit) : device 37's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9769 | (16bit) : device 37's port no. | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-11472 | (16bit) : device 4's ID0 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11473 | (16bit) : device 4's ID1 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11474 | (16bit) : device 4's ID2 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11475 | (16bit) : device 4's ID3 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11476 | (16bit) : device 4's ID4 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11477 | (16bit) : device 4's ID5 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11478 | (16bit) : device 5's ID0 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11479 | (16bit) : device 5's ID1 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11480 | (16bit) : device 5's ID2 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11481 | (16bit) : device 5's ID3 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11482 | (16bit) : device 5's ID4 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11483 | (16bit) : device 5's ID5 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11484 | (16bit) : device 6's ID0 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11485 | (16bit) : device 6's ID1 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11486 | (16bit) : device 6's ID2 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11487 | (16bit) : device 6's ID3 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11488 | (16bit) : device 6's ID4 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11489 | (16bit) : device 6's ID5 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11490 | (16bit) : device 7's ID0 (Beckhoff AMS NetId = | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| | ID0:ID1:ID2:ID3:ID4:ID5) | | | | |
| LW-11491 | (16bit) : device 7's ID1 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11492 | (16bit) : device 7's ID2 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11493 | (16bit) : device 7's ID3 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11494 | (16bit) : device 7's ID4 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-11495 | (16bit) : device 7's ID5 (Beckhoff AMS NetId = ID0:ID1:ID2:ID3:ID4:ID5) | R/W | R/C | R/C | Y |
| LW-12110 | (16bit) : device 38's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12111 | (16bit) : device 38's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12112 | (16bit) : device 38's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12113 | (16bit) : device 38's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12114 | (16bit) : device 38's port no. | R/W | R/C | R/C | Y |
| LW-12115 | (16bit) : device 39's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12116 | (16bit) : device 39's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12117 | (16bit) : device 39's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12118 | (16bit) : device 39's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12119 | (16bit) : device 39's port no. | R/W | R/C | R/C | Y |
| LW-12120 | (16bit) : device 40's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12121 | (16bit) : device 40's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12122 | (16bit) : device 40's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12123 | (16bit) : device 40's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-12124 | (16bit) : device 40's port no. | R/W | R/C | R/C | Y |
| LW-12125 | (16bit) : device 41's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12126 | (16bit) : device 41's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12127 | (16bit) : device 41's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12128 | (16bit) : device 41's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12129 | (16bit) : device 41's port no. | R/W | R/C | R/C | Y |
| LW-12240 | (16bit) : device 64's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12241 | (16bit) : device 64's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12242 | (16bit) : device 64's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12243 | (16bit) : device 64's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12244 | (16bit) : device 64's port no. | R/W | R/C | R/C | Y |

Click the icon to download the demo project. Please confirm your internet connection before downloading the demo project.

### 22.3.16. Communication Status and Control with Device (USB)

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9190 | auto. connection for device (USB) (when ON) | R/W | R/C | R/C | Y |
| LB-9191 | device status (USB), set on to retry connection | R/W | R/C | R/C | Y |
| LW-9390 | (16bit) : pending command no. in device (USB) | R | R | R | Y |

### 22.3.17. Communication Status and Control with Device (CAN Bus)

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-12080 | auto. connection for device (CAN Bus) (when ON) | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LB-12081 | device status (CAN Bus) set on to retry connection | R/W | R/C | R/C | Y |
| LB-12100 | pause CAN Bus device 1 communication (when ON) | R/W | R/C | R/C | Y |
| LB-12101 | pause CAN Bus device 2 communication (when ON) | R/W | R/C | R/C | Y |
| LB-12102 | pause CAN Bus device 3 communication (when ON) | R/W | R/C | R/C | Y |
| LB-12103 | pause CAN Bus device 4 communication (when ON) | R/W | R/C | R/C | Y |
| LB-12104 | pause CAN Bus device 5 communication (when ON) | R/W | R/C | R/C | Y |
| LB-12105 | pause CAN Bus device 6 communication (when ON) | R/W | R/C | R/C | Y |
| LB-12106 | pause CAN Bus device 7 communication (when ON) | R/W | R/C | R/C | Y |
| LB-12107 | pause CAN Bus device 8 communication (when ON) | R/W | R/C | R/C | Y |
| LB-12108 | pause CAN Bus device 9 communication (when ON) | R/W | R/C | R/C | Y |
| LB-12109 | pause CAN Bus device 10 communication (when ON) | R/W | R/C | R/C | Y |
| LB-12354 | pause CAN Bus device 255 communication (when ON) | R/W | R/C | R/C | Y |
| LW-9392 | (16bit) : pending command no. in device (CAN Bus) | R | R | R | Y |

### 22.3.18. Communication Status and Control with Remote HMI

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9068 | auto. connection for remote HMI 1 (when ON) | R/W | R/C | R/C | Y |
| LB-9069 | auto. connection for remote HMI 2 (when ON) | R/W | R/C | R/C | Y |
| LB-9070 | auto. connection for remote HMI 3 (when ON) | R/W | R/C | R/C | Y |
| LB-9071 | auto. connection for remote HMI 4 (when | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| | ON) | | | | |
| LB-9072 | auto. connection for remote HMI 5 (when ON) | R/W | R/C | R/C | Y |
| LB-9073 | auto. connection for remote HMI 6 (when ON) | R/W | R/C | R/C | Y |
| LB-9074 | auto. connection for remote HMI 7 (when ON) | R/W | R/C | R/C | Y |
| LB-9075 | auto. connection for remote HMI 8 (when ON) | R/W | R/C | R/C | Y |
| LB-9099 | auto. connection for remote HMI 32 (when ON) | R/W | R/C | R/C | Y |
| LB-9100 | remote HMI 1 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-9101 | remote HMI 2 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-9102 | remote HMI 3 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-9103 | remote HMI 4 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-9104 | remote HMI 5 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-9105 | remote HMI 6 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-9106 | remote HMI 7 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-9107 | remote HMI 8 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-9148 | remote HMI 49 status (set on to retry connection) | R/W | R/C | R/C | N/A |
| LB-9149 | forced to reconnect remote HMI when IP changed on-line (set ON) | R/W | R/C | R/C | Y |
| LB-12754 | auto. connection for remote HMI 33 (when ON) | R/W | R/C | R/C | Y |
| LB-12755 | auto. connection for remote HMI 34 (when ON) | R/W | R/C | R/C | Y |
| LB-12756 | auto. connection for remote HMI 35 (when ON) | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LB-12757 | auto. connection for remote HMI 36 (when ON) | R/W | R/C | R/C | Y |
| LB-12758 | auto. connection for remote HMI 37 (when ON) | R/W | R/C | R/C | Y |
| LB-12759 | auto. connection for remote HMI 38 (when ON) | R/W | R/C | R/C | Y |
| LB-12760 | auto. connection for remote HMI 39 (when ON) | R/W | R/C | R/C | Y |
| LB-12761 | auto. connection for remote HMI 40 (when ON) | R/W | R/C | R/C | Y |
| LB-12762 | auto. connection for remote HMI 41 (when ON) | R/W | R/C | R/C | Y |
| LB-12763 | auto. connection for remote HMI 42 (when ON | R/W | R/C | R/C | Y |
| LB-12764 | auto. connection for remote HMI 43 (when ON) | R/W | R/C | R/C | Y |
| LB-12765 | auto. connection for remote HMI 44 (when ON) | R/W | R/C | R/C | Y |
| LB-12766 | auto. connection for remote HMI 45 (when ON) | R/W | R/C | R/C | Y |
| LB-12767 | auto. connection for remote HMI 46 (when ON) | R/W | R/C | R/C | Y |
| LB-12768 | auto. connection for remote HMI 47 (when ON) | R/W | R/C | R/C | Y |
| LB-12769 | auto. connection for remote HMI 48 (when ON) | R/W | R/C | R/C | Y |
| LB-12770 | auto. connection for remote HMI 49 (when ON) | R/W | R/C | R/C | Y |
| LB-12771 | auto. connection for remote HMI 50 (when ON) | R/W | R/C | R/C | Y |
| LB-12772 | auto. connection for remote HMI 51 (when ON) | R/W | R/C | R/C | Y |
| LB-12773 | auto. connection for remote HMI 52 (when ON) | R/W | R/C | R/C | Y |
| LB-12774 | auto. connection for remote HMI 53 (when ON) | R/W | R/C | R/C | Y |
| LB-12775 | auto. connection for remote HMI 54 (when | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| | ON) | | | | |
| LB-12776 | auto. connection for remote HMI 55 (when ON) | R/W | R/C | R/C | Y |
| LB-12777 | auto. connection for remote HMI 56 (when ON) | R/W | R/C | R/C | Y |
| LB-12778 | auto. connection for remote HMI 57 (when ON) | R/W | R/C | R/C | Y |
| LB-12779 | auto. connection for remote HMI 58 (when ON) | R/W | R/C | R/C | Y |
| LB-12780 | auto. connection for remote HMI 59 (when ON) | R/W | R/C | R/C | Y |
| LB-12781 | auto. connection for remote HMI 60 (when ON) | R/W | R/C | R/C | Y |
| LB-12782 | auto. connection for remote HMI 61 (when ON) | R/W | R/C | R/C | Y |
| LB-12783 | auto. connection for remote HMI 62 (when ON) | R/W | R/C | R/C | Y |
| LB-12784 | auto. connection for remote HMI 63 (when ON) | R/W | R/C | R/C | Y |
| LB-12785 | auto. connection for remote HMI 64 (when ON) | R/W | R/C | R/C | Y |
| LB-12786 | remote HMI 50 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-12787 | remote HMI 51 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-12788 | remote HMI 52 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-12789 | remote HMI 53 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-12790 | remote HMI 54 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-12791 | remote HMI 55 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-12792 | remote HMI 56 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-12793 | remote HMI 57 status (set on to retry connection) | R/W | R/C | R/C | Y |

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|---|---|---|---|---|---|
| LB-12794 | remote HMI 58 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-12795 | remote HMI 59 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-12796 | remote HMI 60 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-12797 | remote HMI 61 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-12798 | remote HMI 62 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-12799 | remote HMI 63 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LB-12800 | remote HMI 64 status (set on to retry connection) | R/W | R/C | R/C | Y |
| LW-9800 | (16bit) : remote HMI 1's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9801 | (16bit) : remote HMI 1's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9802 | (16bit) : remote HMI 1's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9803 | (16bit) : remote HMI 1's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9804 | (16bit) : remote HMI 1's port no. | R/W | R/C | R/C | Y |
| LW-9805 | (16bit) : remote HMI 2's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9806 | (16bit) : remote HMI 2's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9807 | (16bit) : remote HMI 2's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9808 | (16bit) : remote HMI 2's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9809 | (16bit) : remote HMI 2's port no. | R/W | R/C | R/C | Y |
| LW-9810 | (16bit) : remote HMI 3's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9811 | (16bit) : remote HMI 3's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9812 | (16bit) : remote HMI 3's IP2 (IP address = | R/W | R/C | R/C | Y |

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| | IP0:IP1:IP2:IP3) | | | | |
| LW-9813 | (16bit) : remote HMI 3's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9814 | (16bit) : remote HMI 3's port no. | R/W | R/C | R/C | Y |
| LW-9815 | (16bit) : remote HMI 4's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9816 | (16bit) : remote HMI 4's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9817 | (16bit) : remote HMI 4's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9818 | (16bit) : remote HMI 4's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9819 | (16bit) : remote HMI 4's port no. | R/W | R/C | R/C | Y |
| LW-9820 | (16bit) : remote HMI 5's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9821 | (16bit) : remote HMI 5's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9822 | (16bit) : remote HMI 5's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9823 | (16bit) : remote HMI 5's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9824 | (16bit) : remote HMI 5's port no. | R/W | R/C | R/C | Y |
| LW-9825 | (16bit) : remote HMI 6's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9826 | (16bit) : remote HMI 6's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9827 | (16bit) : remote HMI 6's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9828 | (16bit) : remote HMI 6's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9829 | (16bit) : remote HMI 6's port no. | R/W | R/C | R/C | Y |
| LW-9830 | (16bit) : remote HMI 7's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9831 | (16bit) : remote HMI 7's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9832 | (16bit) : remote HMI 7's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |

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| LW-9833 | (16bit) : remote HMI 7's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9834 | (16bit) : remote HMI 7's port no. | R/W | R/C | R/C | Y |
| LW-9835 | (16bit) : remote HMI 8's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9836 | (16bit) : remote HMI 8's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9837 | (16bit) : remote HMI 8's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9838 | (16bit) : remote HMI 8's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9839 | (16bit) : remote HMI 8's port no. | R/W | R/C | R/C | Y |
| LW-9895 | (16bit) : remote HMI 20's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9896 | (16bit) : remote HMI 20's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9897 | (16bit) : remote HMI 20's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9898 | (16bit) : remote HMI 20's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9899 | (16bit) : remote HMI 20's port no. | R/W | R/C | R/C | Y |
| LW-9905 | (16bit) : remote HMI 21’s IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9906 | (16bit) : remote HMI 21’s IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9907 | (16bit) : remote HMI 21’s IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9908 | (16bit) : remote HMI 21’s IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9909 | (16bit) : remote HMI 21’s port no. | R/W | R/C | R/C | Y |
| LW-9910 | (16bit) : remote HMI 22’s IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9911 | (16bit) : remote HMI 22’s IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9912 | (16bit) : remote HMI 22’s IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9913 | (16bit) : remote HMI 22’s IP3 (IP address = | R/W | R/C | R/C | Y |

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| | IP0:IP1:IP2:IP3) | | | | |
| LW-9914 | (16bit) : remote HMI 22's port no. | R/W | R/C | R/C | Y |
| LW-9915 | (16bit) : remote HMI 23's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9916 | (16bit) : remote HMI 23's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9917 | (16bit) : remote HMI 23's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9918 | (16bit) : remote HMI 23's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9919 | (16bit) : remote HMI 23's port no. | R/W | R/C | R/C | Y |
| LW-9920 | (16bit) : remote HMI 24's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9921 | (16bit) : remote HMI 24's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9922 | (16bit) : remote HMI 24's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9923 | (16bit) : remote HMI 24's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9924 | (16bit) : remote HMI 24's port no. | R/W | R/C | R/C | Y |
| LW-9925 | (16bit) : remote HMI 25's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9926 | (16bit) : remote HMI 25's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9927 | (16bit) : remote HMI 25's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9928 | (16bit) : remote HMI 25's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9929 | (16bit) : remote HMI 25's port no. | R/W | R/C | R/C | Y |
| LW-9930 | (16bit) : remote HMI 26's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9931 | (16bit) : remote HMI 26's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9932 | (16bit) : remote HMI 26's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9933 | (16bit) : remote HMI 26's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |

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| LW-9934 | (16bit) : remote HMI 26's port no. | R/W | R/C | R/C | Y |
| LW-9935 | (16bit) : remote HMI 27's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9936 | (16bit) : remote HMI 27's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9937 | (16bit) : remote HMI 27's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9938 | (16bit) : remote HMI 27's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9939 | (16bit) : remote HMI 27's port no. | R/W | R/C | R/C | Y |
| LW-9940 | (16bit) : remote HMI 28's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9941 | (16bit) : remote HMI 28's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9942 | (16bit) : remote HMI 28's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9943 | (16bit) : remote HMI 28's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9944 | (16bit) : remote HMI 28's port no. | R/W | R/C | R/C | Y |
| LW-9945 | (16bit) : remote HMI 29's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9946 | (16bit) : remote HMI 29's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9947 | (16bit) : remote HMI 29's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9948 | (16bit) : remote HMI 29's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9949 | (16bit) : remote HMI 29's port no. | R/W | R/C | R/C | Y |
| LW-9950 | (16bit) : remote HMI 30's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9951 | (16bit) : remote HMI 30's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9952 | (16bit) : remote HMI 30's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9953 | (16bit) : remote HMI 30's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9954 | (16bit) : remote HMI 30's port no. | R/W | R/C | R/C | Y |

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| LW-9955 | (16bit) : remote HMI 31's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9956 | (16bit) : remote HMI 31's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9957 | (16bit) : remote HMI 31's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9958 | (16bit) : remote HMI 31's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9959 | (16bit) : remote HMI 31's port no. | R/W | R/C | R/C | Y |
| LW-9960 | (16bit) : remote HMI 32's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9961 | (16bit) : remote HMI 32's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9962 | (16bit) : remote HMI 32's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9963 | (16bit) : remote HMI 32's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9964 | (16bit) : remote HMI 32's port no. | R/W | R/C | R/C | Y |
| LW-9995 | (16bit) : remote HMI 39's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9996 | (16bit) : remote HMI 39's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9997 | (16bit) : remote HMI 39's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9998 | (16bit) : remote HMI 39's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-9999 | (16bit) : remote HMI 39's port no. | R/W | R/C | R/C | Y |
| LW-12506 | (16bit) : remote HMI 40's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12507 | (16bit) : remote HMI 40's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12508 | (16bit) : remote HMI 40's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12509 | (16bit) : remote HMI 40's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12510 | (16bit) : remote HMI 40's port no. | R/W | R/C | R/C | Y |
| LW-12511 | (16bit) : remote HMI 41's IP0 (IP address = | R/W | R/C | R/C | Y |

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| | IP0:IP1:IP2:IP3) | | | | |
| LW-12512 | (16bit) : remote HMI 41's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12513 | (16bit) : remote HMI 41's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12514 | (16bit) : remote HMI 41's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12515 | (16bit) : remote HMI 41's port no. | R/W | R/C | R/C | Y |
| LW-12516 | (16bit) : remote HMI 42's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12517 | (16bit) : remote HMI 42's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12518 | (16bit) : remote HMI 42's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12519 | (16bit) : remote HMI 42's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12520 | (16bit) : remote HMI 42's port no. | R/W | R/C | R/C | Y |
| LW-12521 | (16bit) : remote HMI 43's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12522 | (16bit) : remote HMI 43's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12523 | (16bit) : remote HMI 43's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12524 | (16bit) : remote HMI 43's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12525 | (16bit) : remote HMI 43's port no. | R/W | R/C | R/C | Y |
| LW-12526 | (16bit) : remote HMI 44's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12527 | (16bit) : remote HMI 44's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12528 | (16bit) : remote HMI 44's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12529 | (16bit) : remote HMI 44's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12530 | (16bit) : remote HMI 44's port no. | R/W | R/C | R/C | Y |
| LW-12531 | (16bit) : remote HMI 45's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |

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| LW-12532 | (16bit) : remote HMI 45's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12533 | (16bit) : remote HMI 45's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12534 | (16bit) : remote HMI 45's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12535 | (16bit) : remote HMI 45's port no. | R/W | R/C | R/C | Y |
| LW-12536 | (16bit) : remote HMI 46's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12537 | (16bit) : remote HMI 46's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12538 | (16bit) : remote HMI 46's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12539 | (16bit) : remote HMI 46's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12540 | (16bit) : remote HMI 46's port no. | R/W | R/C | R/C | Y |
| LW-12541 | (16bit) : remote HMI 47's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12542 | (16bit) : remote HMI 47's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12543 | (16bit) : remote HMI 47's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12544 | (16bit) : remote HMI 47's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12545 | (16bit) : remote HMI 47's port no. | R/W | R/C | R/C | Y |
| LW-12546 | (16bit) : remote HMI 48's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12547 | (16bit) : remote HMI 48's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12548 | (16bit) : remote HMI 48's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12549 | (16bit) : remote HMI 48's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12550 | (16bit) : remote HMI 48's port no. | R/W | R/C | R/C | Y |
| LW-12551 | (16bit) : remote HMI 49's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12552 | (16bit) : remote HMI 49's IP1 (IP address = | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| | IP0:IP1:IP2:IP3) | | | | |
| LW-12553 | (16bit) : remote HMI 49's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12554 | (16bit) : remote HMI 49's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12555 | (16bit) : remote HMI 49's port no. | R/W | R/C | R/C | Y |
| LW-12556 | (16bit) : remote HMI 50's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12557 | (16bit) : remote HMI 50's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12558 | (16bit) : remote HMI 50's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12559 | (16bit) : remote HMI 50's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12560 | (16bit) : remote HMI 50's port no. | R/W | R/C | R/C | Y |
| LW-12561 | (16bit) : remote HMI 51's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12562 | (16bit) : remote HMI 51's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12563 | (16bit) : remote HMI 51's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12564 | (16bit) : remote HMI 51's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12565 | (16bit) : remote HMI 51's port no. | R/W | R/C | R/C | Y |
| LW-12566 | (16bit) : remote HMI 52's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12567 | (16bit) : remote HMI 52's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12568 | (16bit) : remote HMI 52's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12569 | (16bit) : remote HMI 52's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12570 | (16bit) : remote HMI 52's port no. | R/W | R/C | R/C | Y |
| LW-12571 | (16bit) : remote HMI 53's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12572 | (16bit) : remote HMI 53's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-12573 | (16bit) : remote HMI 53's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12574 | (16bit) : remote HMI 53's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12575 | (16bit) : remote HMI 53's port no. | R/W | R/C | R/C | Y |
| LW-12576 | (16bit) : remote HMI 54's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12577 | (16bit) : remote HMI 54's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12578 | (16bit) : remote HMI 54's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12579 | (16bit) : remote HMI 54's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12580 | (16bit) : remote HMI 54's port no. | R/W | R/C | R/C | Y |
| LW-12581 | (16bit) : remote HMI 55's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12582 | (16bit) : remote HMI 55's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12583 | (16bit) : remote HMI 55's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12584 | (16bit) : remote HMI 55's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12585 | (16bit) : remote HMI 55's port no. | R/W | R/C | R/C | Y |
| LW-12586 | (16bit) : remote HMI 56's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12587 | (16bit) : remote HMI 56's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12588 | (16bit) : remote HMI 56's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12589 | (16bit) : remote HMI 56's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12590 | (16bit) : remote HMI 56's port no. | R/W | R/C | R/C | Y |
| LW-12591 | (16bit) : remote HMI 57's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12592 | (16bit) : remote HMI 57's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12593 | (16bit) : remote HMI 57's IP2 (IP address = | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| | IP0:IP1:IP2:IP3) | | | | |
| LW-12594 | (16bit) : remote HMI 57's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12595 | (16bit) : remote HMI 57's port no. | R/W | R/C | R/C | Y |
| LW-12596 | (16bit) : remote HMI 58's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12597 | (16bit) : remote HMI 58's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12598 | (16bit) : remote HMI 58's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12599 | (16bit) : remote HMI 58's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12600 | (16bit) : remote HMI 58's port no. | R/W | R/C | R/C | Y |
| LW-12601 | (16bit) : remote HMI 59's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12602 | (16bit) : remote HMI 59's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12603 | (16bit) : remote HMI 59's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12604 | (16bit) : remote HMI 59's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12605 | (16bit) : remote HMI 59's port no. | R/W | R/C | R/C | Y |
| LW-12606 | (16bit) : remote HMI 60's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12607 | (16bit) : remote HMI 60's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12608 | (16bit) : remote HMI 60's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12609 | (16bit) : remote HMI 60's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12610 | (16bit) : remote HMI 60's port no. | R/W | R/C | R/C | Y |
| LW-12611 | (16bit) : remote HMI 61's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12612 | (16bit) : remote HMI 61's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12613 | (16bit) : remote HMI 61's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-12614 | (16bit) : remote HMI 61's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12615 | (16bit) : remote HMI 61's port no. | R/W | R/C | R/C | Y |
| LW-12616 | (16bit) : remote HMI 62's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12617 | (16bit) : remote HMI 62's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12618 | (16bit) : remote HMI 62's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12619 | (16bit) : remote HMI 62's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12620 | (16bit) : remote HMI 62's port no. | R/W | R/C | R/C | Y |
| LW-12621 | (16bit) : remote HMI 63's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12622 | (16bit) : remote HMI 63's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12623 | (16bit) : remote HMI 63's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12624 | (16bit) : remote HMI 63's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12625 | (16bit) : remote HMI 63's port no. | R/W | R/C | R/C | Y |
| LW-12626 | (16bit) : remote HMI 64's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12627 | (16bit) : remote HMI 64's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12628 | (16bit) : remote HMI 64's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12629 | (16bit) : remote HMI 64's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | Y |
| LW-12630 | (16bit) : remote HMI 64's port no. | R/W | R/C | R/C | Y |

### 22.3.19. Communication Status and Control with Remote Device

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LW-10050 | (16bit) : IP0 of the HMI connecting to remote device 1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10051 | (16bit) : IP1 of the HMI connecting to remote | R/W | R/C | R/C | N |

| | | | | | |
|---|---|---|---|---|---|
| | device 1 (IP address = IP0:IP1:IP2:IP3) | | | | |
| LW-10052 | (16bit) : IP2 of the HMI connecting to remote device 1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10053 | (16bit) : IP3 of the HMI connecting to remote device 1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10054 | (16bit) : port no. of the HMI connecting to remote device 1 | R/W | R/C | R/C | N |
| LW-10055 | (16bit) : IP0 of the HMI connecting to remote device 2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10056 | (16bit) : IP1 of the HMI connecting to remote device 2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10057 | (16bit) : IP2 of the HMI connecting to remote device 2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10058 | (16bit) : IP3 of the HMI connecting to remote device 2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10059 | (16bit) : port no. of the HMI connecting to remote device 2 | R/W | R/C | R/C | N |
| LW-10060 | (16bit) : IP0 of the HMI connecting to remote device 3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10061 | (16bit) : IP1 of the HMI connecting to remote device 3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10062 | (16bit) : IP2 of the HMI connecting to remote device 3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10063 | (16bit) : IP3 of the HMI connecting to remote device 3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10064 | (16bit) : port no. of the HMI connecting to remote device 3 | R/W | R/C | R/C | N |
| LW-10065 | (16bit) : IP0 of the HMI connecting to remote device 4 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10066 | (16bit) : IP1 of the HMI connecting to remote device 4 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10067 | (16bit) : IP2 of the HMI connecting to remote device 4 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10068 | (16bit) : IP3 of the HMI connecting to remote device 4 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10069 | (16bit) : port no. of the HMI connecting to remote device 4 | R/W | R/C | R/C | N |

| | | | | | |
|---|---|---|---|---|---|
| LW-10205 | (16bit) : IP0 of the HMI connecting to remote device 32 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10206 | (16bit) : IP1 of the HMI connecting to remote device 32 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10207 | (16bit) : IP2 of the HMI connecting to remote device 32 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10208 | (16bit) : IP3 of the HMI connecting to remote device 32 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10209 | (16bit) : port no. of the HMI connecting to remote device 32 | R/W | R/C | R/C | N |
| LW-10300 | (16bit) : remote device 1's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10301 | (16bit) : remote device 1's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10302 | (16bit) : remote device 1's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10303 | (16bit) : remote device 1's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10304 | (16bit) : remote device 1's port no. | R/W | R/C | R/C | N |
| LW-10305 | (16bit) : remote device 2's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10306 | (16bit) : remote device 2's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10307 | (16bit) : remote device 2's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10308 | (16bit) : remote device 2's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10309 | (16bit) : remote device 2's port no. | R/W | R/C | R/C | N |
| LW-10310 | (16bit) : remote device 3's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10311 | (16bit) : remote device 3's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10312 | (16bit) : remote device 3's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10313 | (16bit) : remote device 3's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10314 | (16bit) : remote device 3's port no. | R/W | R/C | R/C | N |

| | | | | | |
|---|---|---|---|---|---|
| LW-10315 | (16bit) : remote device 4's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10316 | (16bit) : remote device 4's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10317 | (16bit) : remote device 4's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10318 | (16bit) : remote device 4's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10319 | (16bit) : remote device 4's port no. | R/W | R/C | R/C | N |
| LW-10455 | (16bit) : remote device 32's IP0 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10456 | (16bit) : remote device 32's IP1 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10457 | (16bit) : remote device 32's IP2 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10458 | (16bit) : remote device 32's IP3 (IP address = IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-10459 | (16bit) : remote device 32's port no. | R/W | R/C | R/C | N |

### 22.3.20. Local/Remote Operation Restrictions

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9044 | disable remote control (when ON) | R/W | R/C | R/C | Y |
| LB-9053 | prohibit password remote-read operation (when ON) | R/W | R/C | R/C | Y |
| LB-9054 | prohibit password remote-write operation (when ON) | R/W | R/C | R/C | Y |
| LB-9196 | local HMI supports monitor function only (when ON) | R/W | R/C | R/C | Y |
| LB-9197 | support monitor function only for remote HMIs (when ON) | R/W | R/C | R/C | Y |
| LB-9198 | disable local HMI to trigger a MACRO (when ON) | R/W | R/C | R/C | Y |
| LB-9199 | disable remote HMI to trigger a MACRO (when ON) | R/W | R/C | R/C | Y |

### 22.3.21. Communication Error Codes

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LW-9400 | (16bit) : error code for device 1 | R | R | R | Y |
| LW-9401 | (16bit) : error code for device 2 | R | R | R | Y |
| LW-9402 | (16bit) : error code for device 3 | R | R | R | Y |
| LW-9403 | (16bit) : error code for device 4 | R | R | R | Y |
| LW-9404 | (16bit) : error code for device 5 | R | R | R | Y |
| LW-9405 | (16bit) : error code for device 6 | R | R | R | Y |
| LW-9406 | (16bit) : error code for device 7 | R | R | R | Y |
| LW-9407 | (16bit) : error code for device 8 | R | R | R | Y |
| LW-9449 | (16bit) : error code for device 50 | R | R | R | Y |
| LW-9490 | (16bit) : error code for USB device | R | R | R | Y |
| LW-9492 | (16bit) : error code for CAN-Bus device | R | R | R | Y |

**Note**

*1.* A list of the explanation of device communication error codes:

| Error Code | Cause of Communication Error |
|---|---|
| 0 | Normal |
| 1 | The device is busy and not yet ready to process a command. |
| 2 | Communication error due to unexpected reason. |
| 3 | The device does not exist. |
| 4 | The device using the specified station number does not exist. |
| 5 | Incorrect address format. |
| 6 | Read/Write unsupported address. |
| 7 | The driver of the device does not exist. |
| 8 | The COM port does not exist. |
| 9 | Incorrect IP address or unable to connect the device. |
| 10 | Checksum error. |
| 11 | Unidentified command. |
| 12 | Ignore |
| 20 | The USB device is improperly connected. |
| 21 | The CAN Bus device is improperly connected. |
| 22 | No reply from the device. |
| 23 | Insufficient data read from the device before timeout. |
| 24 | The Conversion Tag used by the object does not exist or the content is incorrect. |

| | |
|---|---|
| 25 | HMI is not accepting any commands from a remote HMI. |
| 251 | Read/Write exceeding number of words from/to the register of the MODBUS device. |
| 252 | MODBUS device replies incorrect data format. |
| 253 | MODBUS device checksum error. |

### 22.3.22. Driver ID

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LW-9300 | (16bit) : driver ID of local device 1 | R | R | R | Y |
| LW-9301 | (16bit) : driver ID of local device 2 | R | R | R | Y |
| LW-9302 | (16bit) : driver ID of local device 3 | R | R | R | Y |
| LW-9303 | (16bit) : driver ID of local device 4 | R | R | R | Y |
| LW-9331 | (16bit) : driver ID of local device 32 | R | R | R | Y |

### 22.3.23. DLT645 Controller

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LW-10700 | (4 words) : DLT_645 operator (COM 1) | R/W | R/C | R/C | Y |
| LW-10704 | (4 words) : DLT_645 password (COM 1) | R/W | R/C | R/C | Y |
| LW-10708 | (6 words) : DLT_645 address (COM 1) | R/W | R/C | R/C | Y |
| LW-10715 | (4 words) : DLT_645 operator (COM 2) | R/W | R/C | R/C | Y |
| LW-10719 | (4 words) : DLT_645 password (COM 2) | R/W | R/C | R/C | Y |
| LW-10723 | (6 words) : DLT_645 address (COM 2) | R/W | R/C | R/C | Y |
| LW-10730 | (4 words) : DLT_645 operator (COM 3) | R/W | R/C | R/C | Y |
| LW-10734 | (4 words) : DLT_645 password (COM 3) | R/W | R/C | R/C | Y |
| LW-10738 | (6 words) : DLT_645 address (COM 3) | R/W | R/C | R/C | Y |

### 22.3.24. [Device No Response] Window Control

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9192 | disable USB device's "Device No Response" dialog (when ON) | R/W | R/C | R/C | Y |
| LB-11960 | disable device 1's "Device No Response" dialog (when ON) | R/W | R/C | R/C | Y |
| LB-11961 | disable device 2's "Device No Response" dialog (when ON) | R/W | R/C | R/C | Y |
| LB-11962 | disable device 3's "Device No Response" dialog (when ON) | R/W | R/C | R/C | Y |
| LB-11963 | disable device 4's "Device No Response" dialog (when ON) | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LB-11964 | disable device 5's "Device No Response" dialog (when ON) | R/W | R/C | R/C | Y |
| LB-11965 | disable device 6's "Device No Response" dialog (when ON) | R/W | R/C | R/C | Y |
| LB-11966 | disable device 7's "Device No Response" dialog (when ON) | R/W | R/C | R/C | Y |
| LB-11967 | disable device 8's "Device No Response" dialog (when ON) | R/W | R/C | R/C | Y |
| LB-12023 | disable device 64's "Device No Response" dialog (when ON) | R/W | R/C | R/C | Y |
| LB-12082 | disable CAN Bus device's "Device No Response" dialog (when ON) | R/W | R/C | R/C | Y |

### 22.3.25. [Fast Selection] Window Control

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9013 | hide (set ON)/show (set OFF) FS window | R/W | R/C | R/C | N |
| LB-9014 | hide (set ON)/show (set OFF) FS button | R/W | R/C | R/C | N |
| LB-9015 | hide (set ON)/show (set OFF) FS window/button | R/W | R/C | R/C | N |

### 22.3.26. EasyAccess

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9051 | disconnect (set OFF)/connect (set ON) EasyAccess server | R/W | R/C | R/C | N |
| LB-9052 | status of connecting to EasyAccess server | R | R | R | N |

For more information about EasyAccess, please visit http://www.ihmi.net/.

Click the icon to download the demo project. Please confirm your internet connection.

### 22.3.27. EasyAccess 2.0

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LW-10820 | (16bit) : disable (set 0)/enable (set 1) (EasyAccess 2.0) | R/W | R/C | R/C | Y |
| LW-10821 | (5 words) : session ID (EasyAccess 2.0) | R | R | R | Y |
| LW-10826 | (2 words) : password (EasyAccess 2.0) | R | R | R | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-10828 | (16bit) : execution status (EasyAccess 2.0) | R | R | R | Y |
| LW-10829 | (16bit) : the last error code (EasyAccess 2.0) | R | R | R | Y |
| LW-11170 | (16bit) : Proxy Disable/Enable (0:disable, 1:enable) (EasyAccess 2.0) | R/W | R/C | R/C | Y |
| LW-11171 | (16bit) : Proxy Type (0:HTTP, 1:SOCKSv4, 2:SOCKSv5) (EasyAccess 2.0) | R/W | R/C | R/C | Y |
| LW-11172 | (16bit) : Proxy Server IP0 (EasyAccess 2.0) | R/W | R/C | R/C | Y |
| LW-11173 | (16bit) : Proxy Server IP1 (EasyAccess 2.0) | R/W | R/C | R/C | Y |
| LW-11174 | (16bit) : Proxy Server IP2 (EasyAccess 2.0) | R/W | R/C | R/C | Y |
| LW-11175 | (16bit) : Proxy Server IP3 (EasyAccess 2.0) | R/W | R/C | R/C | Y |
| LW-11176 | (16bit) : Proxy Server Port (EasyAccess 2.0) | R/W | R/C | R/C | Y |
| LW-11177 | (16bit) : Proxy authentication (0:disable, 1:enable) (EasyAccess 2.0) | R/W | R/C | R/C | Y |
| LW-11178 | (16 words) : Proxy username (EasyAccess 2.0) | R/W | R/C | R/C | Y |
| LW-11194 | (16 words) : Proxy password (EasyAccess 2.0) | R/W | R/C | R/C | Y |
| LW-11210 | (20 words) : Hardware key (EasyAccess 2.0) | R | R | R | Y |
| LW-11296 | (16bit) : Location of EasyAccess 2.0 server (0 : Global, 1 : China) | R/W | R/C | R/C | Y |
| LW-11770 | (64 words) : QR code (URL) for WeChat push notification (EasyAccess 2.0) | R | R | R | Y |
| LW-11982 | (16 words) : HMI domain (EasyAccess 2.0) | R | R | R | Y |
| LW-12773 | (16 words) : Number of connected user (EasyAccess 2.0) | R | R | R | Y |
| LW-12774 | (16 words) : Connected user 1 (EasyAccess 2.0) | R | R | R | Y |
| LW-12790 | (16 words) : Connected user 2 (EasyAccess 2.0) | R | R | R | Y |
| LW-12806 | (16 words) : Connected user 3 (EasyAccess 2.0) | R | R | R | Y |

### 22.3.28. Remote Print/Backup Server

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-10069 | forced to reconnect remote printer/backup server when IP changed on-line (set ON) | R/W | R/C | R/C | N |
| LB-12040 | remote printer/backup server disconnection alarm (when ON) | R | R | R | N |

| | | | | | |
|---|---|---|---|---|---|
| LW-9770 | (16bit) : remote printer/backup server IP0 (IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-9771 | (16bit) : remote printer/backup server IP1 (IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-9772 | (16bit) : remote printer/backup server IP2 (IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-9773 | (16bit) : remote printer/backup server IP3 (IP0:IP1:IP2:IP3) | R/W | R/C | R/C | N |
| LW-9774 | (6 words) : remote printer/backup server user name *Note 1 | R/W | R/C | R/C | N |
| LW-9780 | (6 words) : remote printer/backup server password *Note 1 | R/W | R/C | R/C | N |

**Note**

1. When change settings using LW-9774 and LW-9780, please reboot HMI for the new settings to take effect.

Click the icon to download the demo project. Please confirm your internet connection.

### 22.3.29. Pass-Through Settings

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LW-9901 | (16bit) : pass-through source COM port (1~3 : COM 1~COM 3) | R/W | R/C | R/C | Y |
| LW-9902 | (16bit) : pass-through destination COM port (1~3 : COM 1~COM 3) | R/W | R/C | R/C | Y |
| LW-9903 | (16bit) : pass-through control (0 : normal, 1 : pause, 2 : stop communications between HMI and device when executing pass-through) | R/W | R/C | R/C | Y |
| LW-9904 | (16bit) : pass-through server port no. (2000~2100) | R/W | R/C | R/C | Y |
| LW-10850 | (16bit) : disable/enable (0 : disable, 1 : normal, 2 : IP limited) (siemens pass-through) | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-10851 | (16bit) : destination COM port (siemens pass-through) | R/W | R/C | R/C | Y |
| LW-10852 | (16bit) : destination PLC station no. (siemens pass-through) | R/W | R/C | R/C | Y |
| LW-10853 | (16bit) : communication protocol (0 : invalid, 1 : PPI, 2 : MPI) (siemens pass-through) | R/W | R/C | R/C | Y |
| LW-10854 | (16bit) : IP0 of connecting client (IP address = IP0:IP1:IP2:IP3) (siemens pass-through) | R/W | R/C | R/C | Y |
| LW-10855 | (16bit) : IP1 of connecting client (IP address = IP0:IP1:IP2:IP3) (siemens pass-through) | R/W | R/C | R/C | Y |
| LW-10856 | (16bit) : IP2 of connecting client (IP address = IP0:IP1:IP2:IP3) (siemens pass-through) | R/W | R/C | R/C | Y |
| LW-10857 | (16bit) : IP3 of connecting client (IP address = IP0:IP1:IP2:IP3) (siemens pass-through) | R/W | R/C | R/C | Y |
| LW-10858 | (16bit) : IP0 of designated client (IP address = IP0:IP1:IP2:IP3) (siemens pass-through) | R/W | R/C | R/C | Y |
| LW-10859 | (16bit) : IP1 of designated client (IP address = IP0:IP1:IP2:IP3) (siemens pass-through) | R/W | R/C | R/C | Y |
| LW-10860 | (16bit) : IP2 of designated client (IP address = IP0:IP1:IP2:IP3) (siemens pass-through) | R/W | R/C | R/C | Y |
| LW-10861 | (16bit) : IP3 of designated client (IP address = IP0:IP1:IP2:IP3) (siemens pass-through) | R/W | R/C | R/C | Y |
| LW-10862 | (16bit) : connection status (0 : ready, 1 : client connecting) (siemens pass-through) | R | R | R | Y |
| LW-10863 | (16bit) : execution status (0 : normal, 1 : error) (siemens pass-through) | R | R | R | Y |
| LW-10864 | (16bit) : the last error (siemens pass-through) | R | R | R | Y |

For more information about Siemens pass-through feature, see “29 Pass-through”.

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### 22.3.30. VNC Control

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-12088 | enable VNC monitor mode (when ON) *Note 1 | R/W | R/C | R/C | Y |
| LB-12089 | VNC pass word free (when ON) *Note 1 | R/W | R/C | R/C | Y |
| LB-12090 | a VNC client connecting to HMI (when ON)(OS version 20120621 or later supports only) | R | R | R | Y |
| LB-12091 | disable auto-logout function when a VNC client connecting to HMI (when ON)(OS version 20120621 or later supports only) | R/W | R/C | R/C | Y |
| LB-12092 | enable VNC (set ON), disable VNC (set OFF) | R/W | R/C | R/C | Y |
| LB-12093 | VNC connection mode (OFF: single connection, ON: multi connection) (OS version 2013.05.09 or later support)*Note1 | R/W | R/C | R/C | Y |
| LB-12824 | disable touch control when a VNC client connects to HMI (when ON) (supported OS version 20230526 or later) *Note2 | R/W | R/C | R/C | N |
| LB-12824 (cMT X series) | enable/disable VNC/WebView interlock | R/W | R/C | R/C | Y |
| LW-9530 | (4 words) : VNC server password | R/W | R/C | R/C | Y |
| LW-12831 | (32bit) : VNC/WebView interlock timeout (1 to 86400 seconds) | R/W | R/C | R/C | Y |
| LW-12833 | (16bit) : VNC/WebView interlock status bar (0: regular, 1: minimal) | R/W | R/C | R/C | Y |

**Note**

1. On eMT, iE, XE, mTV, iP models, to change VNC mode, use LB-12092 to stop and then restart VNC to update the setting.
2. When the touch control is switched to the VNC client, an icon will appear in the top left corner of the window. If the system register to disable touch control is enabled while VNC monitoring mode is active, the control will remain on the HMI side. Activating the system register to disable touch control will also disable the connected USB mouse

control. However, control can be restored to the USB mouse by simply reinserting it.

### 22.3.31. Project Key and HMI Key

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9046 | project key is different from HMI key (when ON) | R | R | R | Y |
| LW-9046 | (32bit) : HMI key *Note 1 | R/W | R/C | R | Y |

**Note**

1. When change HMI Key using LW-9046, please reboot HMI for the new settings to take effect.

Click the icon to download the demo project. Please confirm your internet connection.

### 22.3.32. USB Security Key

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LW-11160 | (16bit) : start time of USB security key - year | R | R | R | Y |
| LW-11161 | (16bit) : start time of USB security key - month | R | R | R | Y |
| LW-11162 | (16bit) : start time of USB security key - day | R | R | R | Y |
| LW-11163 | (16bit) : start time of USB security key - hour | R | R | R | Y |
| LW-11164 | (16bit) : start time of USB security key - minute | R | R | R | Y |
| LW-11165 | (16bit) : expiration time of USB security key - year | R | R | R | Y |
| LW-11166 | (16bit) : expiration time of USB security key - month | R | R | R | Y |
| LW-11167 | (16bit) : expiration time of USB security key - day | R | R | R | Y |
| LW-11168 | (16bit) : expiration time of USB security key - hour | R | R | R | Y |
| LW-11169 | (16bit) : expiration time of USB security key - minute | R | R | R | Y |

### 22.3.33. User Name and Password

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9050 | user logout *Note 2 | W | C | C | N |
| LB-9060 | password error *Note 2 | R | R | R | N |
| LB-9061 | update password (set ON) *Note 2 | W | C | C | N |
| LB-12056 | the user touches an unauthorized object (when ON) | R | R | R | Y |
| PLB-12056 | the user touches an unauthorized object (when ON) (on tablet) | R | N/A | N/A | Y |
| LW-9082 | (16bit) : auto logout time (unit : minute, 0 : disable the function) | R/W | R/C | R/C | Y |
| LW-9219 | (16bit) : user no. (1~12) *Note 2 | R/W | R/C | R/C | N |
| LW-9220 | (32bit) : password *Note 2 | R/W | R/C | R/C | N |
| LW-9222 | (16bit) : object classes can be operated for current user (bit 0:A, bit 1:B,bit 2:C, ...) | R | R | R | Y |
| PLW-9222 | (16bit) : object classes (on tablet) can be operated for current user (bit 0:A, bit 1:B,bit 2:C, ...) | R | N/A | N/A | Y |
| LW-9500 | (32bit) : user 1's password *Note 2 | R/W | R/C | R/C | N |
| LW-9502 | (32bit) : user 2's password *Note 2 | R/W | R/C | R/C | N |
| LW-9504 | (32bit) : user 3's password *Note 2 | R/W | R/C | R/C | N |
| LW-9506 | (32bit) : user 4's password *Note 2 | R/W | R/C | R/C | N |
| LW-9508 | (32bit) : user 5's password *Note 2 | R/W | R/C | R/C | N |
| LW-9510 | (32bit) : user 6's password *Note 2 | R/W | R/C | R/C | N |
| LW-9512 | (32bit) : user 7's password *Note 2 | R/W | R/C | R/C | N |
| LW-9514 | (32bit) : user 8's password *Note 2 | R/W | R/C | R/C | N |
| LW-9516 | (32bit) : user 9's password *Note 2 | R/W | R/C | R/C | N |
| LW-9518 | (32bit) : user 10's password *Note 2 | R/W | R/C | R/C | N |
| LW-9520 | (32bit) : user 11's password *Note 2 | R/W | R/C | R/C | N |
| LW-9522 | (32bit) : user 12's password *Note 2 | R/W | R/C | R/C | N |
| LW-10754 | (8 words) : current user name *Note 1 | R | R | R | Y |
| PLW-10754 | (8 words) : current user name (on tablet) *Note 1 | R | N/A | N/A | Y |

**Note**

1. Only for [Security] » [Enhanced security mode].

2. Only for [Security] » [General mode].

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### 22.3.34. Macro

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9059 | disable macro TRACE function (when ON) *Note1 | R/W | R/C | R/C | Y |
| LW-10900 | (16bit) : macro 0 status (0:ready, 3:executing, 5:waiting response, 9:waiting sync, 17:delay, 32:abnormal end (exceed array size)) | R | R | R | Y |
| LW-10901 | (16bit) : macro 1 status (0:ready, 3:executing, 5:waiting response, 9:waiting sync, 17:delay, 32:abnormal end (exceed array size)) | R | R | R | Y |
| LW-10902 | (16bit) : macro 2 status (0:ready, 3:executing, 5:waiting response, 9:waiting sync, 17:delay, 32:abnormal end (exceed array size)) | R | R | R | Y |
| LW-10903 | (16bit) : macro 3 status (0:ready, 3:executing, 5:waiting response, 9:waiting sync, 17:delay, 32:abnormal end (exceed array size)) | R | R | R | Y |
| LW-10904 | (16bit) : macro 4 status (0:ready, 3:executing, 5:waiting response, 9:waiting sync, 17:delay, 32:abnormal end (exceed array size)) | R | R | R | Y |
| LW-10905 | (16bit) : macro 5 status (0:ready, 3:executing, 5:waiting response, 9:waiting sync, 17:delay, 32:abnormal end (exceed array size)) | R | R | R | Y |
| LW-10906 | (16bit) : macro 6 status (0:ready, 3:executing, 5:waiting response, 9:waiting sync, 17:delay, 32:abnormal end (exceed array size)) | R | R | R | Y |
| LW-10907 | (16bit) : macro 7 status (0:ready, 3:executing, 5:waiting response, 9:waiting sync, 17:delay, 32:abnormal end (exceed array size)) | R | R | R | Y |
| LW-10908 | (16bit) : macro 8 status (0:ready, | R | R | R | Y |

| | | | | | |
|---|---|---|---|---|---|
| | 3:executing, 5:waiting response, 9:waiting sync, 17:delay, 32:abnormal end (exceed array size)) | | | | |
| LW-10909 | (16bit) : macro 9 status (0:ready, 3:executing, 5:waiting response, 9:waiting sync, 17:delay, 32:abnormal end (exceed array size)) | R | R | R | Y |
| LW-11154 | (16bit) : macro 254 status (0:ready, 3:executing, 5:waiting response, 9:waiting sync, 17:delay, 32:abnormal end (exceed array size)) | R | R | R | Y |
| LW-12247 | (16bit): macro 255 status (0: ready, 3: executing, 5: waiting response, 9: waiting sync, 17: delay, 32: abnormal end (exceed array size)) | R | R | R | Y |
| LW-12248 | (16bit): macro 256 status (0: ready, 3: executing, 5: waiting response, 9: waiting sync, 17: delay, 32: abnormal end (exceed array size)) | R | R | R | Y |
| LW-12249 | (16bit): macro 257 status (0: ready, 3: executing, 5: waiting response, 9: waiting sync, 17: delay, 32: abnormal end (exceed array size)) | R | R | R | Y |
| LW-12250 | (16bit): macro 258 status (0: ready, 3: executing, 5: waiting response, 9: waiting sync, 17: delay, 32: abnormal end (exceed array size)) | R | R | R | Y |
| LW-12251 | (16bit): macro 259 status (0: ready, 3: executing, 5: waiting response, 9: waiting sync, 17: delay, 32: abnormal end (exceed array size)) | R | R | R | Y |
| LW-12252 | (16bit): macro 260 status (0: ready, 3: executing, 5: waiting response, 9: waiting sync, 17: delay, 32: abnormal end (exceed array size)) | R | R | R | Y |
| LW-12253 | (16bit): macro 261 status (0: ready, 3: executing, 5: waiting response, 9: waiting sync, 17: delay, 32: abnormal end (exceed array size)) | R | R | R | Y |
| LW-12254 | (16bit): macro 262 status (0: ready, 3: executing, 5: waiting response, 9: waiting sync, 17: delay, 32: abnormal end (exceed array size)) | R | R | R | Y |
| LW-12255 | (16bit): macro 263 status (0: ready, 3: executing, 5: waiting response, 9: waiting | R | R | R | Y |

| | | | | | |
|---|---|---|---|---|---|
| | sync, 17: delay, 32: abnormal end (exceed array size)) | | | | |
| LW-12256 | (16bit): macro 264 status (0: ready, 3: executing, 5: waiting response, 9: waiting sync, 17: delay, 32: abnormal end (exceed array size)) | R | R | R | Y |
| LW-12491 | (16bit): macro 499 status (0: ready, 3: executing, 5: waiting response, 9: waiting sync, 17: delay, 32: abnormal end (exceed array size)) | R | R | R | Y |

**Note**

1. LB-9059: Disable macro trace function.

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### 22.3.35. Input Object Function

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LW-9002 | (32bit-float) : input high limit | R | R | R | Y |
| LW-9004 | (32bit-float) : input low limit | R | R | R | Y |
| LW-9052 | (32bit-float) : the previous input value of the numeric input object | R | R | R | Y |
| PLW-9052 | (32bit-float) : the previous input value of the numeric input object | R | N/A | N/A | Y |
| LW-9150 | (32 words) : keyboard's input data (ASCII) | R | R | R | Y |
| LW-9540 | (16bit) : reserved for caps lock | R/W | R/C | R/C | Y |

### 22.3.36. Time Sync./Daylight Saving Time

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-12055 | failed to execute time synchronization (when ON) | R | R | R | Y |
| LB-12355 | daylight saving time period (when ON) | R | R | R | Y |
| LW-11260 | (16bit) : enable/disable the daylight saving time (DST) (0:disable, 1:enable) | R/W | R/C | R/C | Y |
| LW-11261 | (16bit) : hour of the DST bias | R/W | R/C | R/C | Y |
| LW-11262 | (16bit) : minute of the DST bias | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-11263 | (16bit) : month of the year when DST starts | R/W | R/C | R/C | Y |
| LW-11264 | (16bit) : week of the month when DST starts (1~5) | R/W | R/C | R/C | Y |
| LW-11265 | (16bit) : day of the week when DST starts (0~6) | R/W | R/C | R/C | Y |
| LW-11266 | (16bit) : hour of local time when DST starts | R/W | R/C | R/C | Y |
| LW-11267 | (16bit) : minute of local time when DST starts | R/W | R/C | R/C | Y |
| LW-11268 | (16bit) : month of the year when DST ends | R/W | R/C | R/C | Y |
| LW-11269 | (16bit) : week of the month when DST ends (1~5) | R/W | R/C | R/C | Y |
| LW-11270 | (16bit) : day of the week when DST ends (0~6) | R/W | R/C | R/C | Y |
| LW-11271 | (16bit) : hour of local time when DST ends | R/W | R/C | R/C | Y |
| LW-11272 | (16bit) : minute of local time when DST ends | R/W | R/C | R/C | Y |
| LW-11273 | (16bit) : enable/disable time synchronization via NTP (Network Time Protocol) server (0:disable, 1:enable) | R/W | R/C | R/C | Y |
| LW-11274 | (16bit) : execute time synchronization when HMI starts (0:disable, 1:enable) | R/W | R/C | R/C | Y |
| LW-11275 | (16bit) : server response time has been adjusted in accordance with DST (0:disable, 1:enable) | R/W | R/C | R/C | Y |
| LW-11276 | (16bit) : HMI time zone (unit : minute) | R/W | R/C | R/C | Y |
| LW-11277 | (16bit) : server response time (server time zone) (unit : minute) | R/W | R/C | R/C | Y |
| LW-11278 | (16bit) : IP 0 of network time server 1 (IP address = IP0:IP1:IP2:IP3) *Note 1 | R/W | R/C | R/C | Y |
| LW-11279 | (16bit) : IP 1 of network time server 1 (IP address = IP0:IP1:IP2:IP3) *Note 1 | R/W | R/C | R/C | Y |
| LW-11280 | (16bit) : IP 2 of network time server 1 (IP address = IP0:IP1:IP2:IP3) *Note 1 | R/W | R/C | R/C | Y |
| LW-11281 | (16bit) : IP 3 of network time server 1 (IP address = IP0:IP1:IP2:IP3) *Note 1 | R/W | R/C | R/C | Y |
| LW-11282 | (16bit) : IP 0 of network time server 2 (IP address = IP0:IP1:IP2:IP3) *Note 1 | R/W | R/C | R/C | Y |
| LW-11283 | (16bit) : IP 1 of network time server 2 (IP address = IP0:IP1:IP2:IP3) *Note 1 | R/W | R/C | R/C | Y |
| LW-11284 | (16bit) : IP 2 of network time server 2 (IP | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| | address = IP0:IP1:IP2:IP3) *Note 1 | | | | |
| LW-11285 | (16bit) : IP 3 of network time server 2 (IP address = IP0:IP1:IP2:IP3) *Note 1 | R/W | R/C | R/C | Y |
| LW-11286 | (16bit) : IP 0 of network time server 3 (IP address = IP0:IP1:IP2:IP3) *Note 1 | R/W | R/C | R/C | Y |
| LW-11287 | (16bit) : IP 1 of network time server 3 (IP address = IP0:IP1:IP2:IP3) *Note 1 | R/W | R/C | R/C | Y |
| LW-11288 | (16bit) : IP 2 of network time server 3 (IP address = IP0:IP1:IP2:IP3) *Note 1 | R/W | R/C | R/C | Y |
| LW-11289 | (16bit) : IP 3 of network time server 3 (IP address = IP0:IP1:IP2:IP3) *Note 1 | R/W | R/C | R/C | Y |
| LW-11290 | (16bit) : IP 0 of network time server 4 (IP address = IP0:IP1:IP2:IP3) *Note 1 | R/W | R/C | R/C | Y |
| LW-11291 | (16bit) : IP 1 of network time server 4 (IP address = IP0:IP1:IP2:IP3) *Note 1 | R/W | R/C | R/C | Y |
| LW-11292 | (16bit) : IP 2 of network time server 4 (IP address = IP0:IP1:IP2:IP3) *Note 1 | R/W | R/C | R/C | Y |
| LW-11293 | (16bit) : IP 3 of network time server 4 (IP address = IP0:IP1:IP2:IP3) *Note 1 | R/W | R/C | R/C | Y |
| LW-11294 | (32bit) : update interval (time synchronization interval) (10 ~ 86400, unit : second) | R/W | R/C | R/C | Y |

### Note

1. When [System Parameter Settings] » [Time Sync./DST] » [Network Time Server] is configured with a static IP address, write/control operations can be performed using addresses LW-11278 to LW-11293. However, if the Network Time Server is configured with a domain name, modifying the IP address of the Network Time Server via addresses LW-11278 to LW-11293 is not supported.

## 22.3.37. Cellular Data Network

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LW-11297 | (16 words) : PIN code of SIM card (cellular network) | R/W | R/C | R/C | Y |
| LW-11313 | (16 words) : Access Point Name (cellular network) | R/W | R/C | R/C | Y |
| LW-11329 | (16 words) : username (cellular network) | R/W | R/C | R/C | Y |
| LW-11345 | (16 words) : password (cellular network) | R/W | R/C | R/C | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-11361 | (16 words) : dial number (cellular network) | R/W | R/C | R/C | Y |
| LW-11377 | (16bit) : stop (set 0)/start (set 1) connection (cellular network) | R/W | R/C | R/C | Y |
| LW-11378 | (16bit) : last error code (0:success, 1:incorrect PIN code, 2:no SIM, 3:no device, 4:puk locked, 5:other) (cellular network) | R | R | R | Y |
| LW-11379 | (16bit) : connection status (0:no device, 1:disconnect, 2:connecting, 3:connected) (cellular network) | R | R | R | Y |
| LW-11380 | (16bit) : stop (set 0)/start (set 1) connection (USB tethering) | R/W | R/C | R/C | Y |
| LW-11381 | (16bit) : connection status (0:no device, 1:disconnect, 2:connected, 3:fail, 4:OS not support, 5:HMI not support) (USB tethering) | R | R | R | Y |
| LW-12631 | (16bit) : signal strength (dBm) (0: failed, others: signal strength) (cellular network) | R | R | R | Y |
| LW-12632 | (8 words) : IMEI (cellular network) | R | R | R | Y |
| LW-12640 | (10 words) : ICCID code of SIM card (cellular network) | R | R | R | Y |

### 22.3.38. WiFi Setting

System registers listed in this section are available exclusively for HMI models that support WiFi only, e.g. MT8103iE, cMT3103, cMT-SVR-200…etc.

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-12365 | update wifi setting (IP, netmask, gateway, DNS) (set ON) | R/W | R/C | R/C | Y |
| LB-12666 | disable(set OFF)/enable(set ON) WiFi Hotspot | R/W | R/C | R/C | Y |
| LB-12667 | refresh WiFi Hotspot setting (SSID, password) (set ON) | R/W | R/C | R/C | Y |
| LB-12820 | M02 status (0: unplugged, 1: plugged in) | R | R | R | Y |
| LW-11383 | (16bit) : WiFi control (1: disconnect, 2: connect, 3: popup setting dialog, 4: connect by SSID) | R/W | R/C | R/C | Y |
| LW-11384 | (16bit) : WiFi error code (0: no error, 1: no such device, 2. radio is off, 3: parameter is invalid) | R | R | R | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-11385 | (16bit) : WiFi status (0: stopped; 1: connecting; 2: connected) | R | R | R | Y |
| LW-11386 | (16 words) : WiFi connected SSID | R | R | R | Y |
| LW-11402 | (16bit) : WiFi signal level (0: none, 1: weak, 2: fair, 3: good, 4: excellent) *Note2 | R | R | R | Y |
| LW-11403 | (16bit) : WiFi country code *Note1 | R/W | R/C | R/C | Y |
| LW-11404 | (16bit) : WiFi radio (0: Off, 1: On) | R/W | R/C | R/C | Y |
| LW-11405 | (16bit) : WiFi signal strength (dBm) (0, 1, 2: failed, others: signal strength) | R | R | R | Y |
| LW-11410 | (16bit) : HMI WiFi IP 0 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-11411 | (16bit) : HMI WiFi IP 1 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-11412 | (16bit) : HMI WiFi IP 2 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-11413 | (16bit) : HMI WiFi IP 3 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-11414 | (16bit) : HMI WiFi netmask 0 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-11415 | (16bit) : HMI WiFi netmask 1 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-11416 | (16bit) : HMI WiFi netmask 2 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-11417 | (16bit) : HMI WiFi netmask 3 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-11418 | (16bit) : HMI WiFi gateway 0 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-11419 | (16bit) : HMI WiFi gateway 1 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-11420 | (16bit) : HMI WiFi gateway 2 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-11421 | (16bit) : HMI WiFi gateway 3 (for HMI use only) | R/W | R/C | R/C | Y |
| LW-11422 | (16bit) : HMI WiFi media access control (MAC) address 0 | R | R | R | Y |
| LW-11423 | (16bit) : HMI WiFi media access control (MAC) address 1 | R | R | R | Y |
| LW-11424 | (16bit) : HMI WiFi media access control (MAC) address 2 | R | R | R | Y |
| LW-11425 | (16bit) : HMI WiFi media access control (MAC) address 3 | R | R | R | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-11426 | (16bit) : HMI WiFi media access control (MAC) address 4 | R | R | R | Y |
| LW-11427 | (16bit) : HMI WiFi media access control (MAC) address 5 | R | R | R | Y |
| LW-11428 | (16bit) : HMI WiFi domain name system (DNS) server IP 0 | R/W | R/C | R/C | Y |
| LW-11429 | (16bit) : HMI WiFi domain name system (DNS) server IP 1 | R/W | R/C | R/C | Y |
| LW-11430 | (16bit) : HMI WiFi domain name system (DNS) server IP 2 | R/W | R/C | R/C | Y |
| LW-11431 | (16bit) : HMI WiFi domain name system (DNS) server IP 3 | R/W | R/C | R/C | Y |
| LW-11432 | (16bit) : obtain an WiFi IP address automatically (DHCP => 0 : off, 1 : on) | R/W | R/C | R/C | Y |
| LW-12006 | (16 words) : WiFi Hotspot SSID (enable to apply) | R/W | R/C | R/C | Y |
| LW-12022 | (32 words) : WiFi Hotspot password (enable to apply) | R/W | R/C | R/C | Y |
| LW-12703 | (16 words : WiFi SSID to connect | R/W | R/C | R/C | Y |
| LW-12719 | (32 words) : WiFi password to use | R/W | R/C | R/C | Y |
| LW-12751 | (16bit) : WiFi security mode to use (0: WPA/WPA2, 1: WEP, 2: NONE) | R/W | R/C | R/C | Y |
| LW-12768 | (16bit) : WiFi Hotspot security mode (0: NONE, 1: WPA-MIX-PSK) | R/W | R/C | R/C | Y |
| LW-12769 | (16bit) : WiFi Hotspot server address IP0 | R | R | R | Y |
| LW-12770 | (16bit) : WiFi Hotspot server address IP1 | R | R | R | Y |
| LW-12771 | (16bit) : WiFi Hotspot server address IP2 | R/W | R/C | R/C | Y |
| LW-12772 | (16bit) : WiFi Hotspot server address IP3 | R | R | R | Y |

## Note

1. Please enter WiFi country code in ASCII for uppercase letters, the setting will take effect after rebooting HMI. Wireless regulations vary from country to country. The country code selection affects the list of channels of the wireless radio.
2. The signal strength is classified into four levels: 1. Weak (<-70 dBm), 2. Fair (-60 ~ -70 dBm), 3. Good (-50 ~ -60 dBm), 4. Excellent (>-50 dBm)

### 22.3.39. OPC UA Server

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LW-11435 | (16bit) : OPC UA Server status (0: Stopped, 1: Started) | R | R | R | Y |
| LW-11436 | (16bit) : OPC UA Server error code (0: Success, 1 or more: Error) *Note 1 | R | R | R | Y |
| LW-11437 | (16bit) : OPC UA Server control command (0: None, 1: Start, 2: Stop) | R/W | R/C | R/C | Y |
| LB-12753 | clear OPC UA HAD data | R/W | R/C | R/C | Y |

**Note**

1. Error codes of failed steps include:

| Code | Cause of Error |
|---|---|
| 0 | No error |
| 1 | Unknown error |
| 2 | Invalid certificate |

### 22.3.40. e-Mail

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-12053 | failed to send an [Event Log] e-Mail (when ON) | R | R | R | Y |
| LB-12054 | failed to send an [Backup Object] e-Mail (when ON) | R | R | R | Y |
| LW-9216 | (16bit) : the result of importing email data *Note 1 | R | R | R | Y |
| LW-11444 | (16bit) : failed step (e-Mail) *Note 2 | R | R | R | Y |
| LW-11445 | (16bit) : error code (e-Mail) *Note 3 | R | R | R | Y |

**Note**

1. 1: import succeeded, 2: import failed (file doesn't exist) , 4: incorrect file format or file cannot be decrypted.
2. Error codes of failed steps include:

| Code | Cause of Error |
|---|---|
| 0 | CSMTP_NO_ERROR |
| 100 | WSA_STARTUP = Unable to initialize winsock2 |

| | |
|---|---|
| 101 | WSA_VER = Wrong version of the winsock2 |
| 102 | WSA_SEND = Function send() failed |
| 103 | WSA_RECV = Function recv() failed |
| 104 | WSA_CONNECT = Function connect failed |
| 105 | WSA_GETHOSTBY_NAME_ADDR = Unable to determine remote server |
| 106 | WSA_INVALID_SOCKET = Invalid winsock2 socket |
| 107 | WSA_HOSTNAME = Function hostname() failed |
| 108 | WSA_IOCTLSOCKET = Function ioctlsocket() failed |
| 109 | WSA_SELECT |
| 110 | BAD_IPV4_ADDR = Improper IPv4 address |
| 200 | UNDEF_MSG_HEADER = Undefined message header |
| 201 | UNDEF_MAIL_FROM = Undefined mail sender |
| 202 | UNDEF_SUBJECT = Undefined message subject |
| 203 | UNDEF_RECIPIENTS = Undefined at least one recipient |
| 204 | UNDEF_RECIPIENT_MAIL = Undefined recipient mail |
| 205 | UNDEF_LOGIN = Undefined user login |
| 206 | UNDEF_PASSWORD = Undefined user password |
| 207 | BAD_LOGIN_PASSWORD = Invalid user login or password |
| 208 | BAD_DIGEST_RESPONSE = Server returned a bad digest MD5 response |
| 209 | BAD_SERVER_NAME = Unable to determine server name for digest MD5 response |
| 300 | COMMAND_MAIL_FROM = Server returned error after sending MAIL FROM |
| 301 | COMMAND_EHLO = Server returned error after sending EHLO |
| 302 | COMMAND_AUTH_PLAIN = Server returned error after sending AUTH PLAIN |
| 303 | COMMAND_AUTH_LOGIN = Server returned error after sending AUTH LOGIN |
| 304 | COMMAND_AUTH_CRAMMD5 = Server returned error after sending AUTH CRAM-MD5 |
| 305 | COMMAND_AUTH_DIGESTMD5 = Server returned error after sending AUTH DIGEST-MD5 |
| 306 | COMMAND_DIGESTMD5 = Server returned error after sending MD5 DIGEST |
| 307 | COMMAND_DATA = Server returned error after sending DATA |
| 308 | COMMAND_QUIT = Server returned error after sending QUIT |
| 309 | COMMAND_RCPT_TO = Server returned error after sending RCPT TO |
| 310 | MSG_BODY_ERROR = Error in message body |
| 400 | CONNECTION_CLOSED = Server has closed the connection |
| 401 | SERVER_NOT_READY = Server is not ready |
| 402 | SERVER_NOT_RESPONDING = Server not responding |
| 403 | SELECT_TIMEOUT = |
| 404 | FILE_NOT_EXIST = File not exist |
| 405 | MSG_TOO_BIG = Message is too big |

| | |
|---|---|
| 406 | BAD_LOGIN_PASS = Bad login or password |
| 407 | UNDEF_XYZ_RESPONSE = Undefined xyz SMTP response |
| 408 | LACK_OF_MEMORY = Lack of memory |
| 409 | TIME_ERROR = time() error |
| 410 | RECVBUF_IS_EMPTY = RecvBuf is empty |
| 411 | SENDBUF_IS_EMPTY = SendBuf is empty |
| 412 | OUT_OF_MSG_RANGE = Specified line number is out of message size |
| 413 | COMMAND_EHLO_STARTTLS = Server returned error after sending STARTTLS |
| 414 | SSL_PROBLEM = SSL problem |
| 415 | COMMAND_DATABLOCK = Failed to send data block |
| 416 | STARTTLS_NOT_SUPPORTED = The STARTTLS command is not supported by the server |
| 417 | LOGIN_NOT_SUPPORTED = AUTH LOGIN is not supported by the server |

*3.* Error messages sent from mail server can be shown by designating a word address (length adjustable) in System Parameter Settings » e-Mail tab » [Error message].

### 22.3.41. cMT Viewer and Diagnoser

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-12656 | enable Diagnoser (set ON), disable (set OFF) | R/W | R/C | R/C | Y |
| LB-12657 | Diagnoser password free (when ON) | R/W | R/C | R/C | Y |
| LW-11756 | (4 words) : Diagnoser password | R/W | R/C | R/C | Y |
| LW-11839 | (16bit) : number of connected clients (cMT Viewer) | R | R | R | Y |
| LW-11840 | (8 words) : client 1 user name | R | R | R | Y |
| LW-11848 | (8 words) : client 2 user name | R | R | R | Y |
| LW-11856 | (8 words) : client 3 user name | R | R | R | Y |
| LW-11864 | (8 words) : client 4 user name | R | R | R | Y |
| LW-11872 | (8 words) : client 5 user name | R | R | R | Y |
| LW-11880 | (8 words) : client 6 user name | R | R | R | Y |
| LW-11888 | (8 words) : client 7 user name | R | R | R | Y |
| LW-11896 | (8 words) : client 8 user name | R | R | R | Y |
| LW-11904 | (8 words) : client 9 user name | R | R | R | Y |
| LW-11912 | (8 words) : client 10 user name | R | R | R | Y |
| LW-11940 | (16bit) : client 1 IP0 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11941 | (16bit) : client 1 IP1 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-11942 | (16bit) : client 1 IP2 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11943 | (16bit) : client 1 IP3 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11944 | (16bit) : client 2 IP0 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11945 | (16bit) : client 2 IP1 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11946 | (16bit) : client 2 IP2 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11947 | (16bit) : client 2 IP3 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11948 | (16bit) : client 3 IP0 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11949 | (16bit) : client 3 IP1 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11950 | (16bit) : client 3 IP2 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11951 | (16bit) : client 3 IP3 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11952 | (16bit) : client 4 IP0 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11953 | (16bit) : client 4 IP1 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11954 | (16bit) : client 4 IP2 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11955 | (16bit) : client 4 IP3 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11956 | (16bit) : client 5 IP0 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11957 | (16bit) : client 5 IP1 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11958 | (16bit) : client 5 IP2 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11959 | (16bit) : client 5 IP3 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11960 | (16bit) : client 6 IP0 (IP address = | R | R | R | Y |

| | | | | | |
|---|---|---|---|---|---|
| | IP0:IP1:IP2:IP3) | | | | |
| LW-11961 | (16bit) : client 6 IP1 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11962 | (16bit) : client 6 IP2 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11963 | (16bit) : client 6 IP3 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11964 | (16bit) : client 7 IP0 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11965 | (16bit) : client 7 IP1 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11966 | (16bit) : client 7 IP2 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11967 | (16bit) : client 7 IP3 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11968 | (16bit) : client 8 IP0 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11969 | (16bit) : client 8 IP1 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11970 | (16bit) : client 8 IP2 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11971 | (16bit) : client 8 IP3 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11972 | (16bit) : client 9 IP0 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11973 | (16bit) : client 9 IP1 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11974 | (16bit) : client 9 IP2 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11975 | (16bit) : client 9 IP3 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11976 | (16bit) : client 10 IP0 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11977 | (16bit) : client 10 IP1 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| LW-11978 | (16bit) : client 10 IP2 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |

| | | | | | |
|---|---|---|---|---|---|
| LW-11979 | (16bit) : client 10 IP3 (IP address = IP0:IP1:IP2:IP3) | R | R | R | Y |
| PLW-11998 | (8 words) : Control Token release countdown | R | N/A | N/A | Y |

### 22.3.42. CODESYS Information

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LW-11760 | (16bit) : CODESYS firmware status (0:error, 1:start, 2:stop) | R | R | R | Y |
| LW-11761 | (16bit) : CODESYS application status (0:error, 1:start, 2:stop) | R | R | R | Y |
| LW-11762 | (16bit) : CODESYS login status (0:error, 1:login, 2:logout) | R | R | R | Y |
| LW-12059 | (16bit) : CODESYS firmware version (year) | R | R | R | Y |
| LW-12060 | (16bit) : CODESYS firmware version (month) | R | R | R | Y |
| LW-12061 | (16bit) : CODESYS firmware version (day) | R | R | R | Y |

### 22.3.43. Miscellaneous

| Address | Description | Read(R)/Write(W)/Control(C) | | | Supported on cMT |
|---|---|---|---|---|---|
| | | Local HMI | Macro | Remote HMI | |
| LB-9000~ LB-9009 | initialized as ON | R/W | R/C | R/C | Y |
| LB-9010 | data-transfer write indicator | R | R | R | Y |
| LB-9011 | data-transfer read indicator | R | R | R | Y |
| LB-9012 | data-transfer execution indicator | R | R | R | Y |
| LB-9016 | status is on when any remote HMI client connects to this HMI that acts as a remote HMI | R | R | R | Y |
| LB-9017 | disable write-back in PLC control's [change window] | R/W | R/C | R/C | Y |
| LB-9039 | status of file backup activity (backup in process if ON) | R | R | R | Y |
| LB-9045 | memory-map communication fails (when ON) | R | R | R | Y |
| LB-9049 | disable/enable watch dog (use LW-11456 set watch dog timeout) *Note 1 | R/W | R/C | R/C | Y |
| LB-12356 | enable(set on)/disable(set off) web streaming | R/W | R/C | R/C | Y |
| LB-12357 | web streaming status (on: enabled / off: | R | R | R | Y |

| | | | | | |
|---|---|---|---|---|---|
| | disabled) | | | | |
| LB-12358 | enable (when ON) / disable (when OFF) off-line simulation on HMI *Note 5 | R/W | R/C | R/C | Y |
| LB-12361 | status of operation log function (OFF : disabled, ON : enabled) | R | R | R | Y |
| LB-12664 | Cache Hit (cMT-G03) | R | R | R | Y |
| LB-12668 | SECS license status (0: not activated, 1: activated) | R | R | R | Y |
| LB-12819 | RUN/STOP switch status (0: stop, 1: run) *Note 6 | R | R | R | Y |
| LW-9006 | (16bit) : connected client no. | R | R | R | Y |
| LW-9024 | (16bit) : memory link system register | R/W | R/C | R/C | Y |
| LW-9032 | (8 words) : folder name of backup history files to SD, USB memory *Note 3 | R/W | R/C | R/C | Y |
| LW-9050 | (16bit) : current base window ID | R | R | R | Y |
| PLW-9050 | (16bit) : current base window ID (on tablet) | R | N/A | N/A | Y |
| LW-9134 | (16bit) : language mode *Note 2 | R/W | R/C | R/C | Y |
| PLW-9134 | (16bit) : language mode (on tablet) *Note 2 | R/W | N/A | N/A | Y |
| LW-9900 | (16bit) : HMI run mode (0 : normal mode, 1-3 : test mode (COM 1-COM 3) | R/W | R/C | R/C | Y |
| LW-10762 | (8 words) : slot1 user name | R/W | R/C | R/C | Y |
| LW-10770 | (8 words) : slot2 user name | R/W | R/C | R/C | Y |
| LW-10778 | (8 words) : slot3 user name | R/W | R/C | R/C | Y |
| LW-10814 | (16bit) : connecting to a Weintek HMI (0:none, 1:connecting) *Note 4 | R | R | R | Y |
| LW-11456 | (16bit) : watch dog timeout (3 ~ 10), unit : second *Note 1 | R/W | R/C | R/C | Y |
| LW-12245 | (32bit) : BACnet/IP server device id | R/W | R/C | R/C | Y |
| LW-12824 | (16 bit) : Flash disk health status (0: unavailable or unsupported 1: good 2: fair 3: poor) *Note 7 | R | R | R | Y |
| LW-12827 | (16bit) : BACnet/IP server port no. | R/W | R/C | R/C | Y |

## Note

1. When LB-9049 watch dog function is enabled, watch dog automatically reboots the system after the HMI stops functioning for a specified period of time.
2. To display texts on objects in multiple languages, except for using Label Library, the system reserved register [LW-9134: language mode] is needed. The value range in LW-9134 is 0 ~ 23. The values in LW-9134 relates to the languages downloaded to HMI. LW-9134 value and language correspondence vary according to the languages selected during project compilation and download.

For example: If 5 languages are defined by user in Label Library as Language 1 (Traditional Chinese), Language 2 (Simplified Chinese), Language 3 (English), Language 4 (French), and Language 5 (Japanese). If only Language 1, 3, 5 are downloaded, the corresponding language of the value in LW-9134 will be 0 → Language 1 (Traditional Chinese), 1 → Language 3 (English), 2 → Language 5 (Japanese). The following demo project explains how to switch languages using Option List Object and LW-9134.

Click the icon to download the demo project. Please confirm your internet connection.

3. Click the icon to download the demo project. Please confirm your internet connection.
4. When the USB Host is connected to a Weintek HMI, the address is set to 1, for testing if the USB Client of another Weintek HMI works normally.
5. This register allows switching to off-line mode on HMI. In off-line mode, “Device No Response” message will not show even when HMI is not properly connected. In this case, device related objects can still operate, however, the values are not read by / written to the device.
6. Supported on cMT-CTRL01.
7. When the health status of the flash disk is poor, please promptly contact your local distributor for assistance to prevent the HMI from experiencing booting issues.