

## Software Version: EasyBuilder Pro V6.05.02.307

### Supported Models

cMT2078X, cMT2108X, cMT2158X

### New Features

#### EasyBuilder Pro General Features

Feature	Description
1. [Macro]	Added built-in macro functions: CEIL, FLOOR, ROUND, INPORT4.
2. [Macro]	Added an (optional) parameter for DATE2ASCII function; the input argument is a separator that is inserted between the year, month, day (YYYY MM DD) strings.

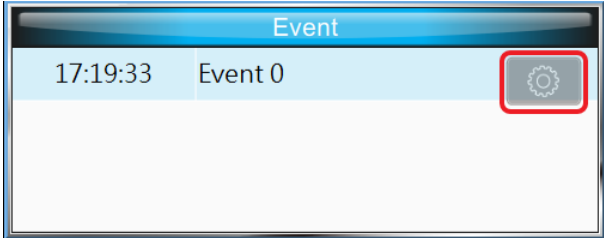

#### iP Series

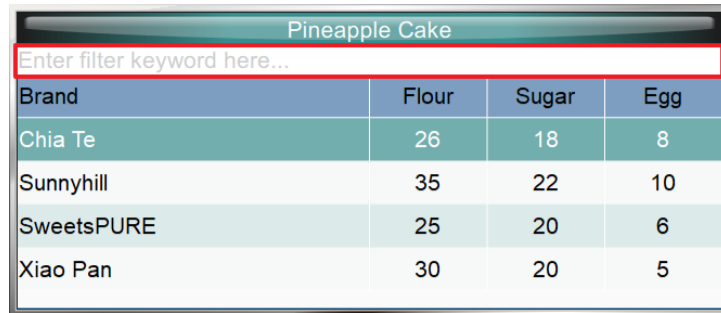
Added support for the following features (categorized by type).

- **Buttons / Lamps**
  - Combo Button
  - Word Lamp – Bit Combination
- **Numeric Display**
  - Customized Display Format
  - Macro Subroutine Scaling
- **Charts**
  - Pie Chart
  - Dynamic Drawing
  - Dynamic Scale
  - Table
- **Data Sampling**
  - Customized File Name
  - Circular Trend Display
- **Event Log**
- **Dynamic Condition**
- **Statistics**
- **Browser / Viewer**
  - File Browser
  - Picture View
- **Recipe Management**
  - Recipe Database
  - Recipe View
  - Recipe Import / Export
- **System Safety**
  - Enhanced Security Mode
  - Operation Log
- **Others**
  - Flow Block
  - Daylight Saving Time

### cMT / cMT X Series

Feature additions listed in this section are available for cMT / cMT X series models that support the said features.

Feature	Description
<b>1. [Alarm Bar]</b> <b>[Alarm Display]</b> <b>[Event Display]</b> <b>[Event Bar Chart]</b>	Added “Option Button Visibility” setting. It provides an option to show/hide the Option Button or to control its visibility dynamically by a register . Note: Clicking the Option Button opens the Option dialog.
	
Option Button	
<b>2. [File Transfer]</b>	Added support for dynamic adjustments of the FTP server connection parameters. Note: File Transfer is one of the actions that can be triggered by Action Trigger / Combo Button.
<b>3. [File Transfer]</b>	Added the option [Delete the source file after successful transfer].
<b>4. [Meter]</b>	Added support for visibility setting of the pin point.
<b>5. [System Parameters]</b>	Added “Display time for min. press time” settings. Applying to buttons whose “min. press time” is non zero, it allows a countdown timer to be shown when buttons are pressed.
	
Button and the countdown timer	
<b>6. [System Parameters]</b>	Added “Play next sound after stopping previous” option.
<b>7. [SQL Query]</b>	Increased the SQL query command limit to 2000 characters.
<b>8. [Recipe View]</b>	Added support for content filter.



Pineapple Cake			
Enter filter keyword here...			
Brand	Flour	Sugar	Egg
Chia Te	26	18	8
Sunnyhill	35	22	10
SweetsPURE	25	20	6
Xiao Pan	30	20	5

Recipe View Filter

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- 9. [Enhanced Security Mode]** Added support for SSL encryption for LDAP mode.
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- 10. [System Registers]** Added the following system registers related to mounting of external USB devices.
- LW-12492 Last detected USB partition ID
  - LW-12496 Last detected USB partition size (GB)
  - LW-12498 Set the partition ID to be used as USB1
  - LW-12502 Set the partition ID to be used as USB2

The registers may be, for example, used to force an external USB to mount to a specific location, disk1 or disk 2.

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All features listed in this section are added on cMT / cMT X series for compatibility with the behavior of legacy models.

Feature	Description
<b>1. [Remote HMI]</b>	Increased the maximum allowable to 64.
<b>2. [Option List]</b>	Added color setting for the selected row.
<b>3. [Picture View]</b>	Added First and Last buttons in the toolbar.
<b>4. [XY Plot] [Trend Display] [Alarm Display] [Event Display] [History Data Display]</b>	Added picture settings.
<b>5. [Media Player]</b>	Added [No control] mode.
<b>6. [Video In]</b>	Added support for single image capture.
<b>7. [Video In]</b>	Added [Use pause control] for the control address. I.e., pause command is available.
<b>8. [Alarm Display] [Event Display]</b>	Added support for [Scrolling control address] designation.
<b>9. [Alarm Display] [Event Display]</b>	Added support for event acknowledgement by double-click.
<b>10. [Alarm Display] [Event Display]</b>	Added support for event sorting by occurrence count (real-time mode).
<b>11. [System Parameters]</b>	Added the [Enable time synchronization with the external device when HMI starts] option.
<b>12. [Recipe View]</b>	Added support for automatic scrolling to the view that shows the row specified by the value of RECIPE Selection.
<b>13. [Recipe View]</b>	Added color setting for the selected row, for Default style.
<b>14. [Timer(Per-page)]</b>	Added support for this object to use timers in individual windows.
<b>15. [Scheduler]</b>	Added support for sound.
<b>16. [Shape]</b>	Added support for legacy pattern types (dot and line pattern types)
<b>17. [System Register]</b>	Added support for the following system registers related to data logs and event logs. LB-9035 : HMI free space insufficiency alarm LB-9036 : SD card free space insufficiency alarm LB-9037 : USB disk 1 free space insufficiency alarm LB-9038 : USB disk 2 free space insufficiency alarm LB-9026: delete all data sampling files on HMI memory

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LB-11950: delete all data sampling files on SD card  
LB-11953: delete all data sampling files on USB disk 1  
LB-11956: delete all data sampling files on USB disk 2  
LB-9034: save event/data sampling to HMI, USB disk, SD card  
LB-9023: delete all event log files on HMI memory  
LB-11941: delete all event log files on SD card  
LB-11944: delete all event log files on USB disk 1  
LB-11947: delete all event log files on USB disk 2  
LB-9034: save event/data sampling to HMI, USB disk, SD card

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### cMT X Series

1. Added support for USB2.

### IIoT Gateway Series

1. Added support for SQL Query.

### cMT Diagnoser

1. Added support for monitoring of tag-based addresses.
2. Added support for monitoring of data in Decimal, Hexadecimal, and Binary formats.

### cMT Viewer

1. Added support for connections using non-default ports. The way to use non-default ports is by entering the offset along with IP address; for example, if offset is 10000, enter 192.168.1.1:10000 in the IP field. The allowable range of offset is 0~19999. All ports used will have an offset accordingly.

### EasyConverter

1. Added support for integrity check of Operation Log by Command Line Interface.
2. Added support for conversion of data logs and event logs in MS SQL / MySQL database into CSV files (using Command Line Interface).