

1 Installation and Startup Guide

This document covers the installation of cMT-G01 Series HMI, for the detailed specifications and operation, please refer to Datasheet, Brochure and EasyBuilder Pro User Manual. Please read all warnings, precautions, and instructions on the device carefully before use.

Install Environment:

Electrical Environment	The HMI product has been tested to conform to European CE requirements. This means that the circuitry is designed to resist the effects of electrical noise. This does not guarantee noise immunity in severe cases. Proper wire routing and grounding will insure proper operation.
Environmental Considerations	<ol style="list-style-type: none"> (1) Make sure that the displays are installed correctly and that the operating limits are followed. Avoid installing units in environments where severe mechanical vibration or shocks are present. (2) Do not operate the unit in areas subject to explosion hazards due to flammable gases, vapors or dusts. (3) Do not install the unit where acid gas, such as SO₂ exists. (4) This device should be mounted in the vertical position and for use on the flat surface enclosure. (5) Conform to UL 61010-2-201 safety requirement for use in Pollution Degree 2 Environment. (6) Relative Humidity: 10% ~ 90% (non-condensing)
Cleaning Considerations	Disconnect this device from AC outlet before cleaning. Clean the device using cloths wetted with clean water. Do not use liquid or spray detergents for cleaning.

2 Unpacking the Unit

Unpack and check the delivery. If damage is found, please contact the supplier.

NOTE: Place the operator panel on a stable surface during installation. Dropping it or letting it fall may cause damage.

The package includes:

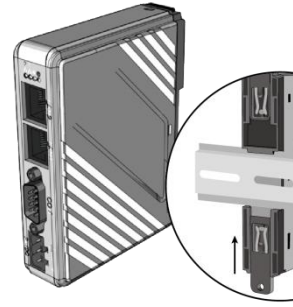
- (1) Installation Instruction, 2-sided A4 *1
- (2) cMT-G01 *1
- (3) Power Connector *1

3 Installation Instructions

Rail mounting: DIN rail 35mm

Panel mounting: Use two M4 or #8 panhead screws, mounting hole size is 4.6mm

Plan for adequate space around the unit and inside the enclosure, for ventilation and cables. Consider the heat from other devices inside the enclosure. The ambient temperature around the unit must be 0 ~ 50°C



4 Power Connections

Power Connector Specifications:

Wire AWG: 28~12

Operating Temperature: -40°C ~ 105°C

Screw Torque: 3.47 lbf-in (max.)

NOTE:

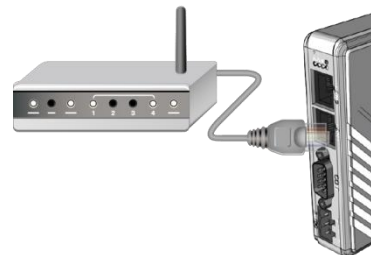
1. Connect positive DC line to the '+' terminal.

5 System Settings

There are two ways to connect cMT-G01. Connect through Ethernet 1: Connect EasyBuilder Pro on your computer, open Download Center, and download the software for cMT-G01.

Connect through Ethernet 2: Connect the computer IP address 192.168.100.2 to the computer IP address 192.168.100.1.

After connecting cMT-G01 successfully, the software will be installed on the cMT-G01.



Click the System Settings button and configure cMT-G01.
The interface can be used to download or upload project files.



6 EasyBuilder Pro Software Settings

Launch EasyBuilder Pro software, select your project file, press F7 shortcut key to open the download dialog box: Select Ethernet > IP tab > Enter your HMI IP > Click Download to download this project file to HMI. (Please refer to EasyBuilder Pro User Manual for software operation details)
This device is preloaded with more secured EasyWeb 2.0 and thus requires EasyBuilder Pro V6.04.01 or later. For further assistance, please contact our distributor.

7 Communication Connections

NOTE:

1. COM2 and COM3 [RS485] 2W support MPI 187.5K, please use one at a time.

9 Pin, Male, D-sub
COM1 [RS232]
COM2 [RS485]
COM3 [RS485]

1 2 3 4 5
6 7 8 9

PIN#	COM1 RS-232	COM2 RS-485		COM3 RS-485 2W
		2W	4W	
1				Data+
2	RxD			
3	TxD			
4				Data-
5	GND			
6		Data+	Rx+	
7		Data-	Rx-	
8			Tx+	
9			Tx-	

8 Restore Factory Default

Press and hold on the Default button on the unit for more than 15 seconds to restore factory default.
The IP setting will be restored to default:
Ethernet 1: DHCP
Ethernet 2: 192.168.100.1

Please note that the projects and data stored in the unit are all cleared after pressing this button.

9 Battery Replacement

Battery replacement shall be performed by qualified personnel only and care must be taken when handling lithium batteries. For more information on battery replacement and disposal considerations, please refer to the following link:

http://www.weintek.com/download/MT8000/eng/FAQ/FAQ_103_Replace_Battery_en.pdf

CAUTION

Power

Fusing Requirements

High Voltage

Emergency Stop

Supply Voltage Condition

Wire Routing

DANGER

Hardware Considerations

Programming Considerations

NOTE: Make s
installing the un

Use power output th
powered by DC po
systems. The power
supply. The peak sta

If the display does no
will protect against
period of time. Chec

A resettable fuse wi
DC voltage sources

A Hard-wired EMER
ICS Safety Recomm

Do not power the un
power supply. Note:
power the unit.

a. Power wire leng
b. Please use twist
impedance mat
c. If wiring is to be
devices.
d. Keep AC, high e
e. Add a resistor
power supply an
dissipation. Typi

The system design
thereby create an
interface can lead
physical injury to the
If you use any prog
potential safety haza
steps depend on y
installation of solid-
installation of Contro

To conform to ICS
ensure that all writ
checks built into the
personnel.

Limited Warranty

This product is limited warranted ag
The proven defective product will e
This warranty shall not cover any p

(a) Out of warranty period which is 12 month
(b) Damage caused by Force Majeure, acci
(c) Product has been repaired or taken apar
(d) Products whose identification markings h