


1 Installation and Startup Guide

This document covers the installation of cMT-G02 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 units 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 and dry location. (6) Relative Humidity: 10% ~ 90% (non-condensing)
Cleaning Considerations	Clean the device using dry cloths. Do not use liquid or spray detergents for cleaning.
IP rating	IP 20
 Warning	Protection impairment if used in a manner not specified by the manufacturer. Déficit de protection si utilisé d'une manière non spécifiée par le fabricant.

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:

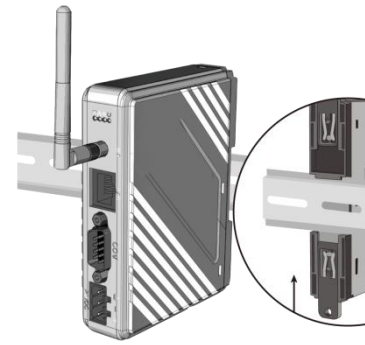
- (1) Installation Instruction, 2-sided A4 *1
- (2) cMT-G02 *1
- (3) Power Connector *1
- (4) Antenna 2dBi

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: 24~12
Wiring Conductor Minimum Temperature: 0°C
Screw Torque: 4.5 lbf-in (max.)
Copper conduct only.

Spécifications du connecteur d'alimentation:
AWG de fil: 24 ~ 12
Température minimale du conducteur: 0°C
Couple de vis: 4.5 lbf-in (max.)
Conducteur en cuivre seulement

NOTE:

1. Connect positive DC line to ground to the '-' terminal.

5 System Settings

There are two ways to connect cMT-G02. Connect through Ethernet 1: Connect the cMT-G02 to your computer, open Download Center, and download the cMT-G02.

Connect through Wi-Fi: Please set the IP address and SSID. After connecting cMT-G02 successfully, the cMT-G02 will be connected to the cMT-G02.



Click the System Settings button and configure cMT-G02.
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: 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
Wi-Fi: DHCP

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

9 Battery Replacement

Battery Specification: UL Certification Battery, Type CR1220, Rated 3V, Max. Abnormal Charging Current 10mA, Working Temperature: max. 70°C

Battery replacement shall be performed by qualified personnel (engineer) 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

NOTE: Make s
installing the un

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

Fusing Require-
ments

If the Power LED do
fuse will protect aga
period of time. Chec

High Voltage

A resettable fuse wi
DC voltage sources

Emergency Stop

A Hard-wired EMER
ICS Safety Recomm

Supply Voltage
Condition

Do not power the un
power supply. Note:
current to power the

Wire Routing

- Power wire lengt
- Please use twist
impedance matc
- If wiring is to be
devices.
- Keep AC, high e
- Add a resistor an
supply and the fr
dissipation. Typi

DANGER

Hardware
Considerations

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

Programming
Considerations

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

- Out of warranty period which is 12 month
- Damage caused by Force Majeure, accid
- Product has been repaired or taken apar
- Products whose identification markings h