


1 Installation and Startup Guide

This document covers the installation of cMT-G06, 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, notify the supplier.

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

- (1) Installation Instruction, A4 double sided *1
- (2) Power Connector *1
- (3) cMT-G06 *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 -10 ~ 55°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.

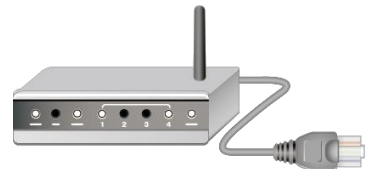
Spécifications du connecteur d'alimentation:
 AWG de fil: 24 ~ 12
 Température minimale du conducteur: 0°C
 Couple de vis: 4.5 lbf-in (max.)
 Conducteur en cuivre seulement

NOTE: Connect positive DC line to the + terminal.

5 System Settings

cMT-G06 can be connected by the following two ways:
 Way1. Connect through Ethernet 1: Connect the cMT-G06 to the EasyBuilder Pro on your computer, open the EasyBuilder Pro software.

Way2. Connect through Wi-Fi: By default, the cMT-G06 is connected to the Wi-Fi network using a password. Launch EasyBuilder Pro on your computer, open the EasyBuilder Pro software in this document to find this cMT-G06. After connecting cMT-G06 successfully, click the System Settings page, and then enter the password.



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 > HMI Name tab > Select your cMT-G06 > Click Download to download this project file to cMT-G06.

(Please refer to EasyBuilder Pro User Manual for software operation details)



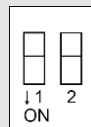
7 Communication Connection

NOTE: COM2 and COM3 [RS485] 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-	



SW1	SW2	Mode
OFF	OFF	Normal Mode
ON	OFF	Restore Ethernet IP Settings
OFF	ON	Boot Loader Mode
ON	ON	Restore Factory Default

8 DIP SW Settings

Turn ON SW1 and power the unit again, the IP setting is restored to default:

Ethernet 1: DHCP
Wi-Fi: DHCP

When restore factory default, the projects and data stored in the unit are all cleared. Pressing the Reset button can reboot the unit.

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 sure when installing the unit.

Use power output that is powered by DC power systems. The power supply. The peak sta

Fusing Requirements

If the Power LED does not glow, the fuse will protect against a short-circuit for a period of time. Check

High Voltage

A resettable fuse will protect against DC voltage sources

Emergency Stop

A Hard-wired EMERGENCY STOP button is recommended by ICS Safety Recomm

Supply Voltage Condition

Do not power the unit with a power supply. Note: The power supply current to power the

Wire Routing

- Power wire length
- Please use twisted pair wiring to match impedance
- If wiring is to be done in a bundle, separate the power devices.
- Keep AC, high voltage wires away from the power supply and the fuse.
- Add a resistor and a capacitor to the fuse to dissipate heat.

DANGER

Hardware Considerations

The system design must be carefully reviewed to ensure that there is no electrical interface that can lead to physical injury to the user. If you use any program, please refer to the potential safety hazards. The steps depend on your system. The installation of solid-state relays and the installation of Control

Programming Considerations

To conform with ICS standards, please ensure that all wiring is checked built into the system by the personnel.

Limited Warranty

This product is limited warranted against defects. A defective product will either be repaired or replaced. We shall not cover any product which is

- Out of warranty period which is 12 months
- Damage caused by Force Majeure, accident, fire, flood, etc.
- Product has been repaired or taken apart by unauthorized personnel
- Products whose identification markings are illegible