

cMT-SVR series

Installation Instruction

1 Installation and Startup Guide

This document covers the installation of cMT-SVR Series, for the detailed specifications and operation, please refer to Brochure and EasyBuilder Pro User Manual.

Install Environment:

Electrical Environment	The cMT-SVR Series 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 UL508 (ISBN 0-7629-0404-6) machine safety for use in Pollution Degree 2 Environment.(6) Relative Humidity: 10% ~ 90% (non-condensing)

2 Unpacking the Unit

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

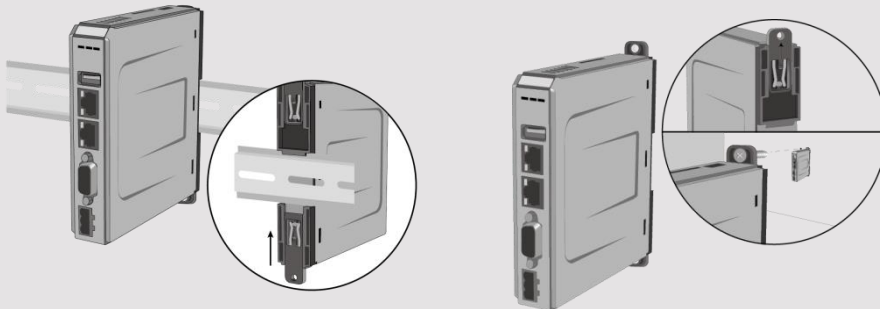
NOTE: Place the unit on a stable surface during installation. Dropping it or letting it fall may cause damage.

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

3 Installation Instructions

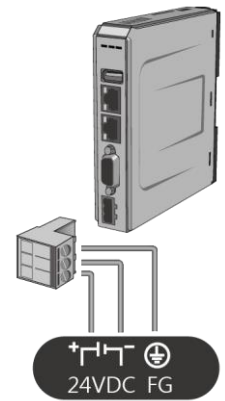
Rail mounting: DIN rail 35mm

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



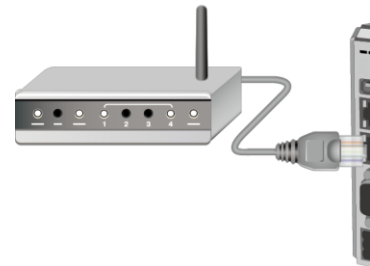
4 Power Connections

NOTE: Connect positive DC line to



5 System Settings

Connect cMT-SVR with a router via RJ45. Set the IP address of the cMT-SVR and use the default password.



Click the System Settings button and

The interface can be used to download 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 cMT-SVR IP > Click Download to download this project file to cMT-SVR.

(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 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]

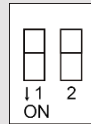
1 2 3 4 5
6 7 8 9

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-	

8 DIP SW Settings

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

Ethernet 1: DHCP
Ethernet 2: 192.168.100.1



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

When restore factory default, the projects and data stored in the unit are all cleared.

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

NOTE: Make s
installing the un

The unit can be pow
most controller DC s
by a switching powe

High Voltage

DC voltage sources

Emergency Stop

A Hard-wired EMER
ICS Safety Recomm

Supply Voltage
Condition

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

Wire Routing

- Power wire leng
- 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 with ICS
ensure that all writ
checks built into the
personnel.

Limited Warranty

This product is limited warranted a
defective product will either be repa
shall not cover any product which is

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