

cMT-iPC10 series

Installation Instruction

1 Installation and Startup Guide

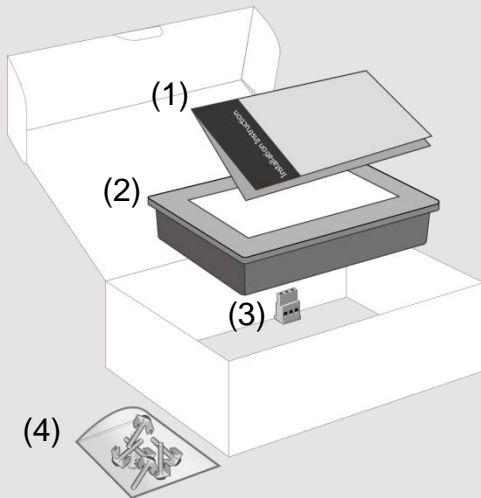
This document covers the installation of cMT-iPC10, for the detailed specifications and operation, please refer to Brochure and User Manual.

Install Environment:

NEMA Rating	The cMT-iPC10 Series HMI is NEMA 4 rated.
Electrical Environment	The cMT-iPC10 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	(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 SO ₂ 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.

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, 2-sided A4 *1

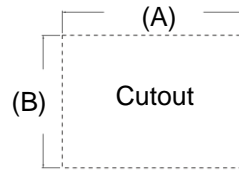
(2) Human Machine Interface *1

(3) Power Connector *1

(4) Brackets & Screws *1 pack

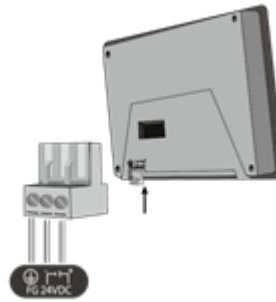
3 Installation Instructions

Secure the operator panel in position, and screws. Screw Torque: 2.6 ~ 3.9 N·m (being deformed.)



Type	A(mm)	B(mm)
cMT-iPC10	250	192

4 Power Connections

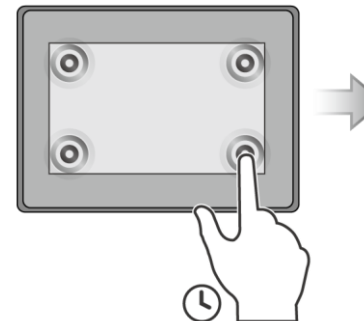


5 BIOS Settings

Ways to enter BIOS:

Way 1: Connect a USB keyboard and

Way 2: Press and hold one of the four



6 Installing Windows OS

1. Read the Windows installation disc by connecting a USB CD-ROM drive.
(Or, burn the Windows ISO image to a USB drive, and then insert the USB drive into HMI.)
2. Press and hold on the center of the screen and then select the device.
(Or, connect a USB keyboard, and press F5 key at startup.)

7 Turning ON/OFF the HMI

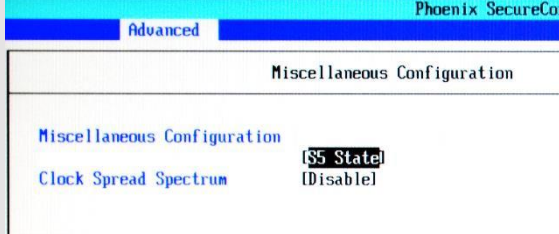
ON:

To turn on the HMI, go to BIOS and set whether to automatically turn on, or press the power button to turn on, when the HMI is connected to power supply.

Go to BIOS \ Advanced \ South Cluster Configuration \ Miscellaneous Configuration \ State After G3:

S0 State: Automatically turn on when connected to power supply.

S5 State: Press the power button to turn on when connected to power supply.



OFF:

To turn off the HMI, you can either turn off in Windows, or set the function of the power button in Windows Control Panel \ System and Security \ Power Options \ Change what the power buttons do, and press the power button when HMI is ON.

Warning: Unplugging power cord directly can cause stop error and lead to data loss.

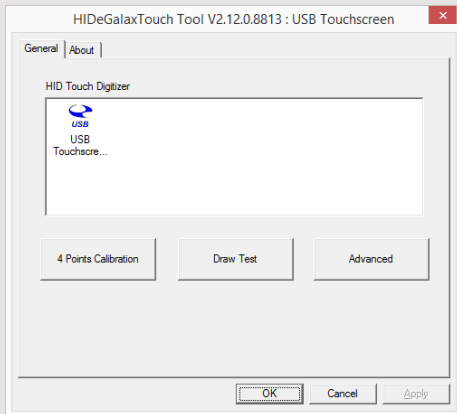
8 Driver

After installing Windows OS, install the required software / hardware drivers, in the same order as listed in the following link.

Download Link: http://www.weintek.com/Download/cMT/cMT_iPC10/driver/cMT_iPC10_driver.htm

9 Touchscreen Calibration

To do touchscreen calibration, run HIDEGalaxTouch Tool.



CAUTION

NOTE: Make sure you are following the instructions when installing the unit.

	Power	The unit can be powered on. Most controller DC system switching power supply.
	Fusing Requirements	If the display does not cover, protect against overcurrent time. Check wiring for protection.
	High Voltage	A resettable fuse will prevent high voltage sources should power.
	Emergency Stop	A Hard-wired EMERGENCY Safety Recommendation.
	Supply Voltage Condition	Do not power the unit and power supply. Note: The power the unit.
	Wire Routing	a. Power wire length should be matched. b. Please use twisted pair matching. c. If wiring is to be exposed. d. Keep AC, high energy. e. Add a resistor and capacitor supply and the frame.

DANGER

	Hardware Considerations	The system designer should create an unsafe condition equipment start-up, which If you use any program safety hazard exists and your particular application programmable control recommended in NEM.
	Programming Considerations	To conform with ICS S that all writable registers the program, with an o

Limited Warranty

This product is limited warranted against... The proven defective product will be... This warranty shall not cover any product...
(a) Out of warranty period which is 12 months
(b) Damage caused by Force Majeure, accident
(c) Product has been repaired or taken apart
(d) Products whose identification markings have