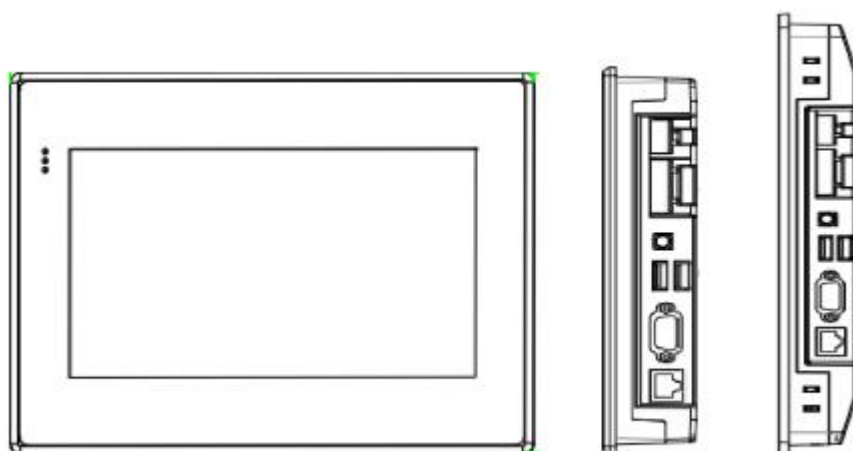


Haiwell HMI User Manual

Human Machine Interface

C Series Ethernet HMI User Manual



Contents

1. HMI Notes and Installation Steps.....	3
2. HMI Software.....	3
3. HMI Interface Definition.....	3
4. Product Specifications.....	3
5. HMI Parts and Panel Cutout.....	4
6. HMI Calibration.....	4
7. Parameter Setting.....	5

1. HMI Notes and Installation Steps

Notes

- Installation direction must be in accordance with the requirement of this manual, the wiring should be in strict accordance with the guide of the terminal mark, otherwise it will cause product damage or burn up.
- There should be sufficient space and distance between the products and other devices to avoid damage to the equipment caused by poor heat dissipation.

Installation steps

Fit the HMI into the cutout panel and lock the four buckles on the sides with the mount panel.

2. HMI Software

- Haiwell HMI uses the Haiwell SCADA software. You can download from haiwell official web: <http://en.haiwell.com>.
- Haiwell Cloud Service can be got by visiting Haiwell Cloud web (<http://cloud.haiwell.com>). We recommend you to use Haiwell Cloud APP.
- Haiwell Cloud APP download steps:
 - ① Login in Haiwell Cloud web
 - ② Scan the two-dimension code in the right
 - ③ Search "Haiwell cloud" in the IOS Iphone APP store



3. HMI Interface Definition

C7/C10 HMI interface definition

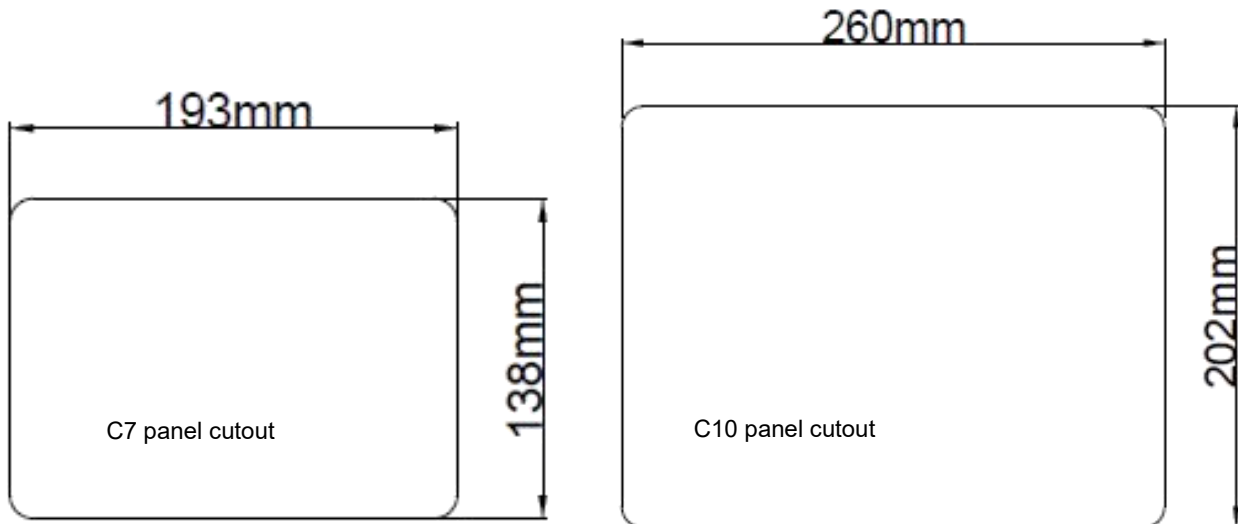
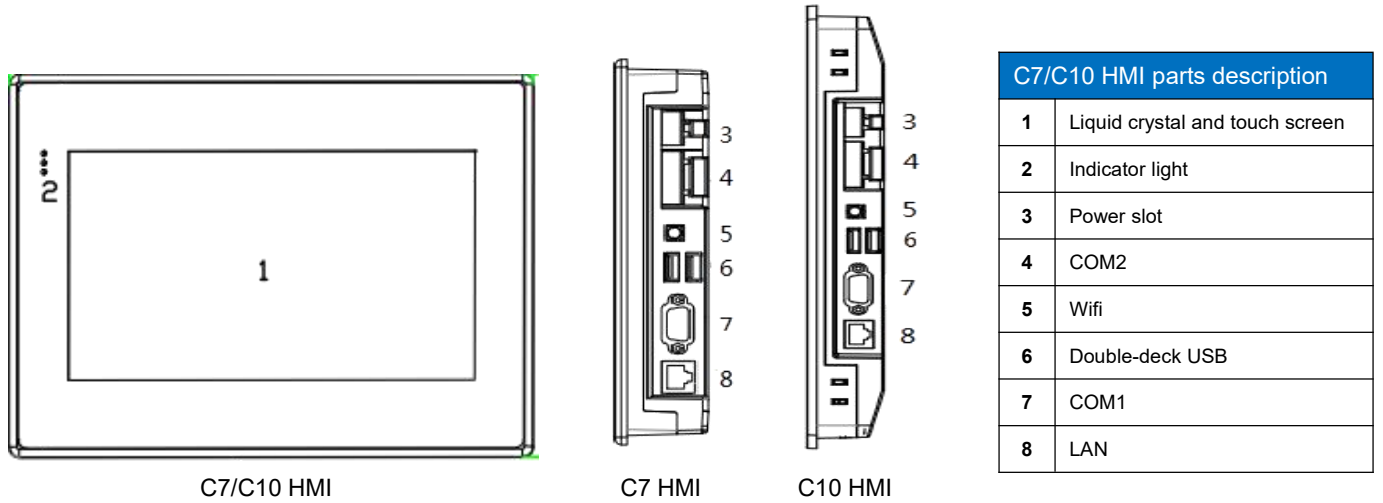
COM1 interface definition			
Pin	Definition	Pin	Definition
1	RS422 TX+/RS485 A+	2	RS232 RXD
3	RS232 TXD	4	CANL
5	GND	6	RS422 TX-/RS485 B-
7	CANH	8	RS422 RX-
9	RS422 RX+		

COM2 interface definition			
Pin	Definition	Pin	Definition
1	RS232 RXD	2	RS232 TXD
3	GND	4	RS485 B-
5	RS485 A+		

4. Product Specifications

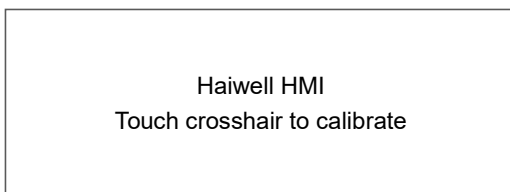
Contents	Model	C7 HMI	C10 HMI
	Power	Input power	24VDC±20%
	Power consumption	5W	9W
	Power isolation	Built-in	Built-in
	Voltage resistance	500V AC	500V AC
	Isolation resistance	Exceed 500MΩ@500VDC	Exceed 500MΩ@500VDC
	Vibration endurance	10~25HZ (X, Y, Z direction 2G/30 minutes)	10~25HZ (X, Y, Z direction 2G/30 minutes)
Environment	Cooling type	Ventilation cooling	Ventilation cooling
	Protection structure	IP65	IP65
	Storage temperature	-20~70℃	-20~70℃
	Operating temperature	-10~60℃	-10~60℃
	Relative humidity	10~90%RH (non-condensing)	10~90%RH (non-condensing)
Specification	Enclosure	Engineering Plastic ABS (Flame-retardant level)	Engineering Plastic ABS (Flame-retardant level)
	Dimensions	200×146×37mm	270×212×35mm
	Panel cutout	193×138mm	260×202mm
	Weight	0.74kg	1.2kg
Certification	CE certification	Comply with CE certification standard	Comply with CE certification standard

5. HMI Parts and Panel Cutout



6. HMI Calibration

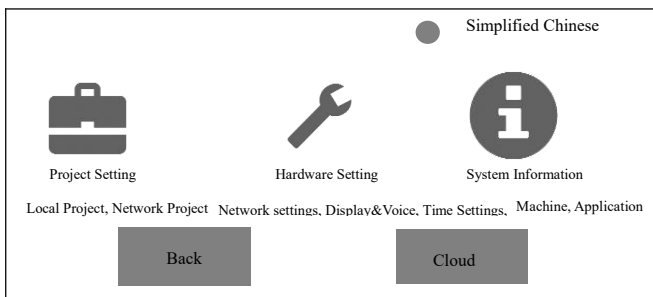
HMI is calibrated at the factory. If you need to recalibrate, enter the parameter setting interface, select "Hardware Setup> Display&Voice> Touch Calibration", the following interface will appear:



Click the upper left corner, the upper right corner, the lower right corner, the lower left corner, the center point of the '+' in turn, you can restart.

7. Parameter Setting

Hold down the upper right corner of the screen for about 5-10 seconds, the following screen appears:



Select the hardware settings, enter the parameters settings screen of touch-screen, you can set the network parameters, display and sound parameters, time parameters, etc., after the modification, click“Save”to take effect immediately.