

HMI 3000 series

Model: VC3370C

Products Overview

- Plastic shell, low cost, high reliability
- High resolution, high brightness, LED backlight, more energy saving and environmental protection
- USB main port supports U disk data storage and download
- 3-way serial port, more powerful expansion capability
- New configuration software, rich graphics library and powerful functions

Products Appearance



Products Specifications

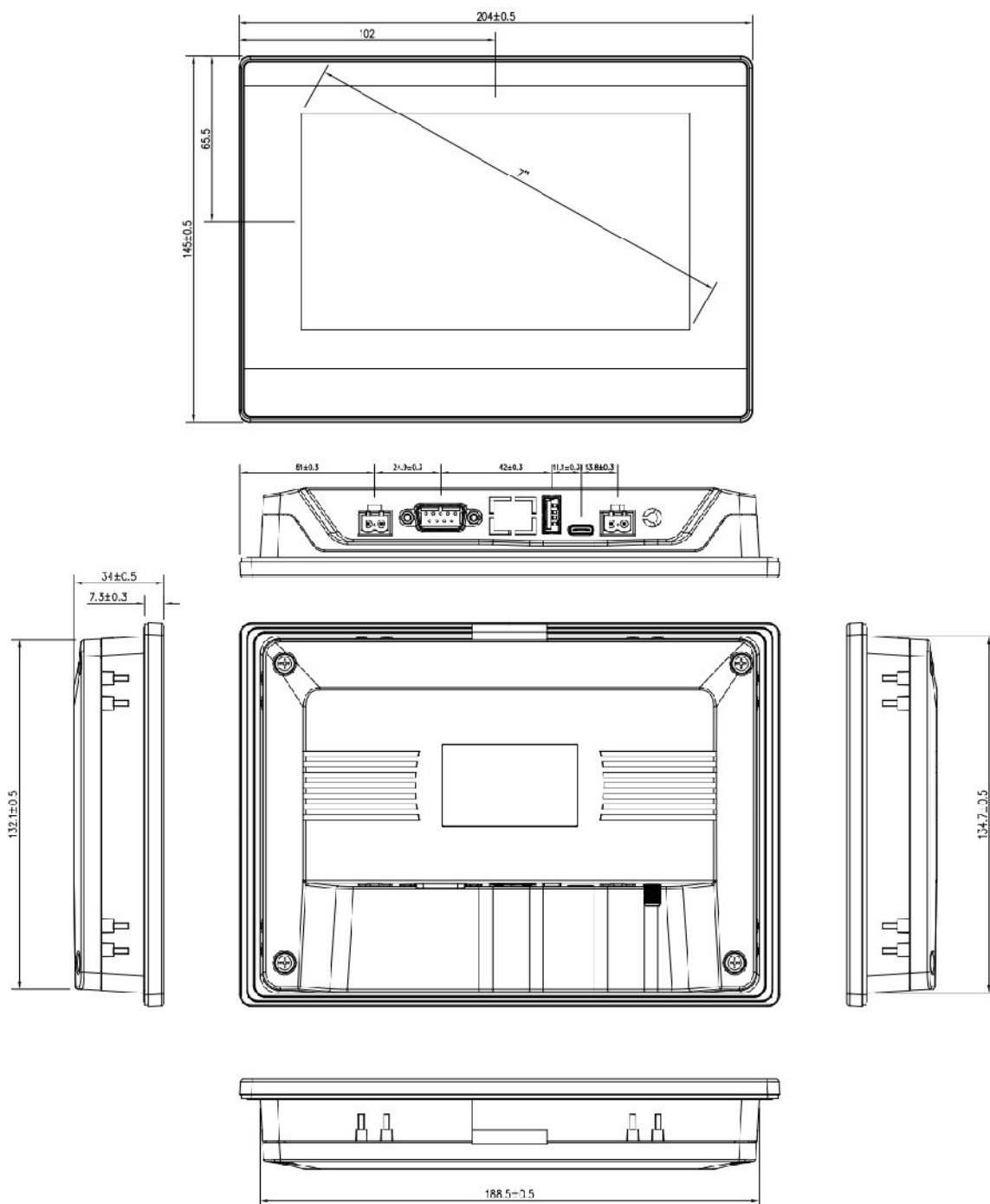
Hardware Parameters	Display	7" 16:9 TFT LCD Screen
	LCD Viewing Angle (T/B/L/R)	50'/70'/70'/70'
	Resolution	800×480
	Color	16-bit
	Brightness	250 cd/m ²
	Backlight	LED
	Half Brightness Life Time	50000 hours
	Touch Screen	4-line Industrial Resistive HMI
	CPU	2-core1G Cortex-A7
	Memory	128MB Flash + 128MB DDR3
	RTC	RTC Built-in
	PROFINET	-
	USB Port	1 USB Slave 2.0 Port,1 USB Host 2.0 Port
	Program Download method	USB Slave/U-disc
	Serial Communication Ports	COM1:RS232/RS485/RS422 COM2:RS485 COM3:RS232
Electrical specifications	Rated Power	< 10W
	Rated Voltage	DC24V,working range DC 9V~28V
	Power Protection	With lightning surge protection
	Power Loss	< 5mS
	CE & RoHS	Comply with EN61000-6-2:2005, EN61000-6-4:2007 standards Comply with RoHS. Lightening surg±1KV,group pulse±2KV. Electrostatic contact 4KV, air discharge:8KV
Environment Requirement	Working Temperature	0~50°C
	Storage Temperature	-20~60°C
	UV-Proof	Do not work in strong ultraviolet environment (such as direct sunlight).
	Ambient humidity	10~90%RH (non-condensate)
	Anti-vibration	10~25Hz (X,Y,Z direction 2G/30 minutes)
	Cooling Way	Natural Cooling

Mechanic Paramters	Protection Grade	The front panel complies with IP65 (installed with flat panel cabinet), and the rear shell of the fuselage complies with IP20
	Mechanic Structure	Engineering Plastics
	Hole Dimension	190mm×136mm
	Machine Size	204mm×145mm×34mm (Tolerance $\pm 0.5\text{mm}$)
	Machine Weight	About 476 g

Description of the interfaces

Power Terminal (Pin1~2 from left to right)		
	Pin1	0V
	Pin2	DC24V
DB9 Serial Port		
	Pin1	Rx-(B) (COM1 RS422/485-)
	Pin2	RxD (COM1 RS232)
	Pin3	TxD (COM1 RS232)
	Pin4	Tx- (COM1 RS422)
	Pin5	GND
	Pin6	Rx+(A) (COM1 RS422/485+)
	Pin7	RxD (COM3 RS232)
	Pin8	TxD (COM3 RS232)
	Pin9	Tx+ (COM1 RS422)
485 Terminal (Pin1~2 from left to right)		
	Pin1	A+ (COM2 RS485)
	Pin2	B- (COM2 RS485)
USB Slave		
	Type-C	Used for downloading programs and debugging
USB Host		
	USB Type A	Used for connecting U-DISC and scanner etc.

Dimension drawings



Embedded Hole Installation: $190 \times 136 (+1.5\text{mm}/-0.0\text{mm})$