

VEICHI IOT human machine interface series

Model: VI20-101S-FE

Product overview

VEICHI vi20 series, a new generation of Internet of things man-machine interface, industrial ABS plastic shell, low cost, high reliability; new mold opening, using more practical downward outlet way; redesigned front face, with higher face value; higher resolution models are available.

By selecting the link IOT module, you can immediately upgrade to the IOT man-machine interface and enjoy a complete industrial IOT cloud platform service.

Product appearance



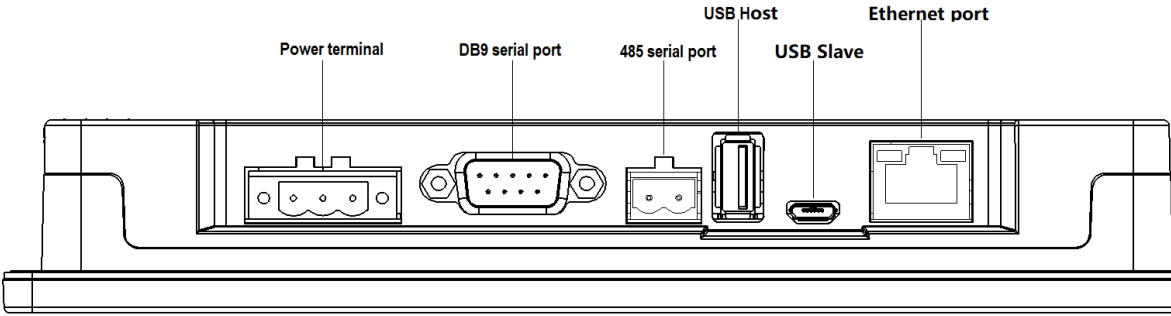
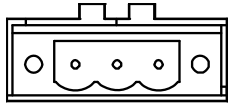
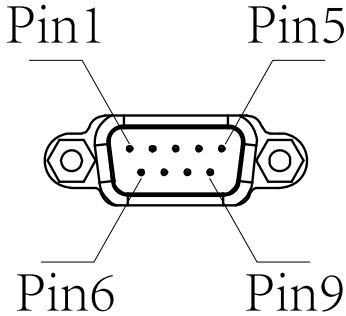




Product specifications

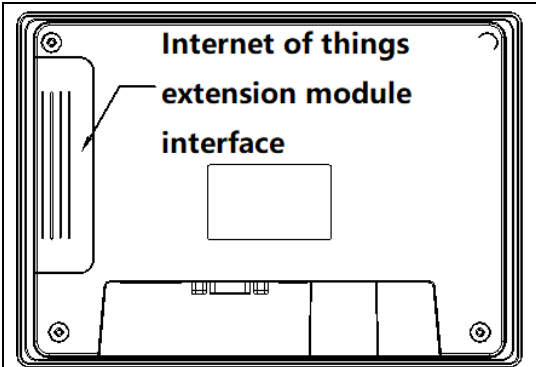
Hardware parameters	Display	10.1 "16:9 TFT LCD screen
	Resolving power	1024×600
	Color	24bit
	Brightness	400 cd/m ²
	Backlight	LED
	LCD life	50000 hours
	Touch screen	4-wire industrial resistance touch screen
	CPU	600MHz ARM Cortex-A8
	Storage	128M Flash + 128M DDR3
	RTC	Real time clock built in
	Ethernet	One channel 10m / 100M adaptive
	SD card	Support
	USB port	1 USB slave 2.0 port; 1 USB host 2.0 port
	Program download mode	USB slave / USB disk / Ethernet
	Serial communication port	COM1:RS232/RS485/RS422 COM2:RS485 COM3:RS232
LCD viewing angle (T/B/L/R)	85'/85'/85'/85'	
Electrical specifications	Rated power	< 10W
	Rated voltage	DC24V, working range DC 9V~28V
	Power protection	Lightning surge protection
	允许失电	< 5mS
	CE & RoHS	According to en61000-6-2:2005 and en61000-6-4:2007 According to RoHS lightning surge ± 1kV, group pulse ± 2KV; Electrostatic contact 4KV, air discharge 8Kv
Environmental requirements	Working temperature	0~50°C
	Storage temperature	-20~60°C
	Ultraviolet-proof	Do not work in strong ultraviolet environment (such as direct sunlight)
	Ambient humidity	10~90%RH (no condensing)
	Earthquake resistance	10 ~ 25Hz (2G / 30min in X, y and Z directions)
	Cooling mode	Natural air cooling
Mechanical index	Protection level	The front panel conforms to IP65 (installed with flat panel cabinet), and the rear shell conforms to IP20
	Mechanical structure	Mechanical structure
	Opening size	260mm×202mm
	Overall dimensions	273mm×213mm×36mm

	Overall weight	About 920g
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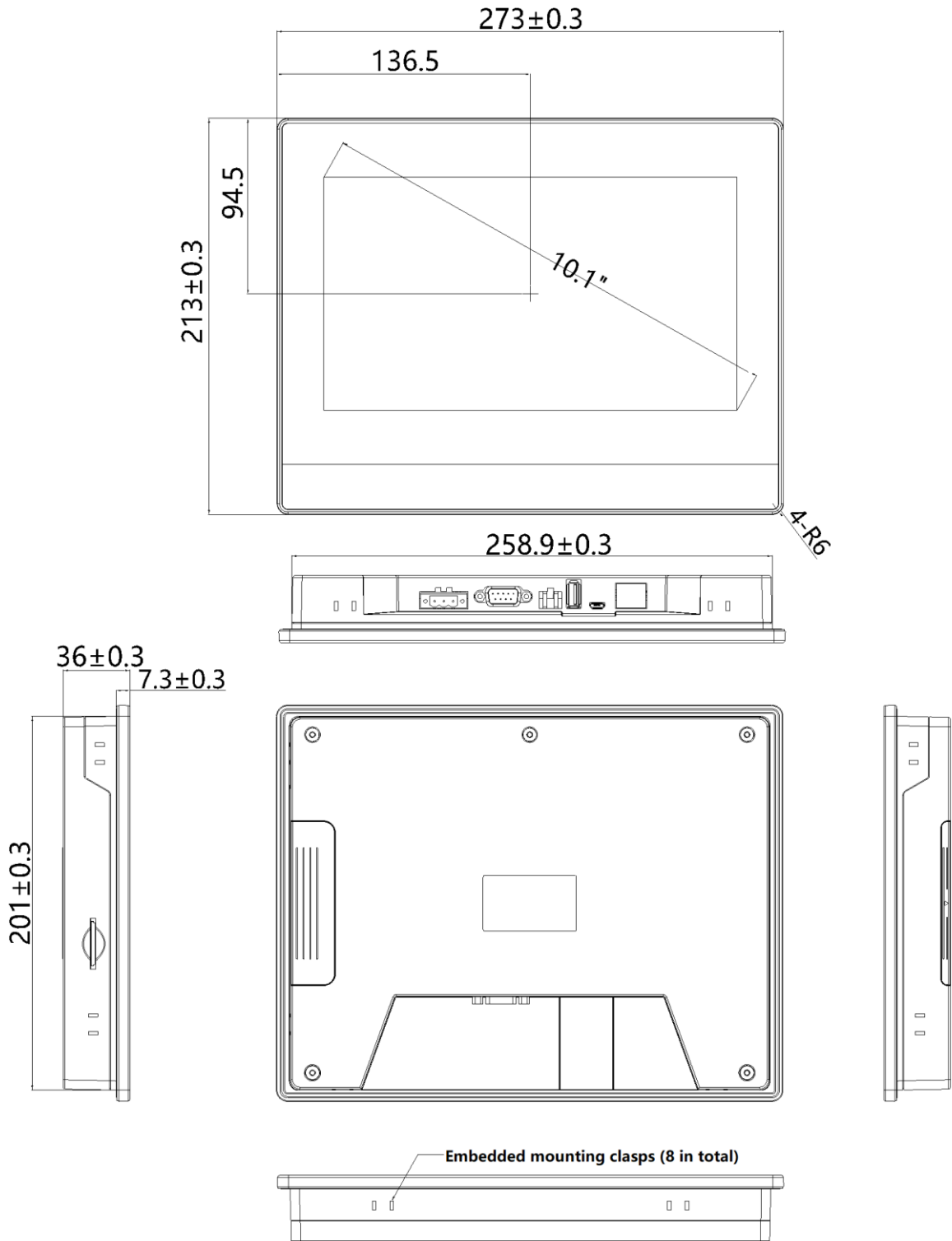


Wiring definition

		
Power supply terminal (Pin1 ~ 3 from left to right)		
	Pin1	FG
	Pin2	0V
	Pin3	DC24V
DB9 serial port terminal		
	Pin1	Rx-(B)
	Pin2	RxD (COM1 RS232)
	Pin3	TxD (COM1 RS232)
	Pin4	Tx-
	Pin5	GND
	Pin6	Rx+(A)
	Pin7	RxD (COM3 RS232)
	Pin8	TxD (COM3 RS232)
	Pin9	Tx+
485 terminal (Pin1 ~ 2 from left to right)		
	Pin1	A+ (COM2 RS485)
	Pin2	B- (COM2 RS485)
Ethernet port		
	RJ45	It is used to set Ethernet with controller or connect server
USB Host		
	USB Type A	Used to connect U disk, code scanning gun and other peripherals
USB Slave		
	MicroUSB	For downloading programs and debugging
Link extension module		

 <p>Internet of things extension module interface</p>	<p>Expansion module slot</p>	<p>Support modules: FLink、FLink-2G(-A)、 FLink-4G(-A)、FLink-4G-C、 FLink-WiFi(-A)</p>
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Size VI20-101S-FE



Embedded installation opening size: 260 * 202 (+ 1.0 mm / - 0.0 mm)



Size VI20-101S-FE +FLink

