

FE6400WE

10.1" IoT HMI 16:9 1024x600

PRODUCT OVERVIEW

The FE6400WE HMI features a 10.1" resistive touchscreen, gray plastic enclosure, 1024×600 resolution, 24-bit colors, high-performance CPU, and 4GB storage.

It has a compact IoT module structure, supporting Ethernet, 4G, and Wi-Fi connections, and allows hot swapping.

Main Specifications:

- ❑ Screen: 10.1" (16:9),
- ❑ 1024×600 resolution
- ❑ Power Supply: DC 24V
- ❑ Communication: 3 serial ports, 1 Ethernet port
- ❑ Housing: Plastic, light color
- ❑ Tag Communication: Up to 3000 points



Additionally, the new HMI back cover and FLink structure design make FLink smaller in size, eliminating its projection above the HMI back shell after installation. This enhances both the aesthetics of the product and the ease of use of FLink.

FLink2 IoT MODULE 4G / WIFI

The new FLink2 IOT module supports both physical IoT card and patch card, which can be flexibly switched according to the actual environment. Provides a variety of Internet connection methods, plug and play, reducing the IoT program application access costs.



4G Model

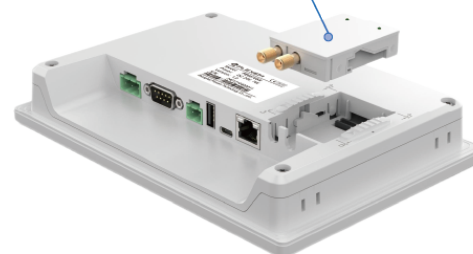


Wifi Model



4G + Wifi Model

FLink2 IoT module



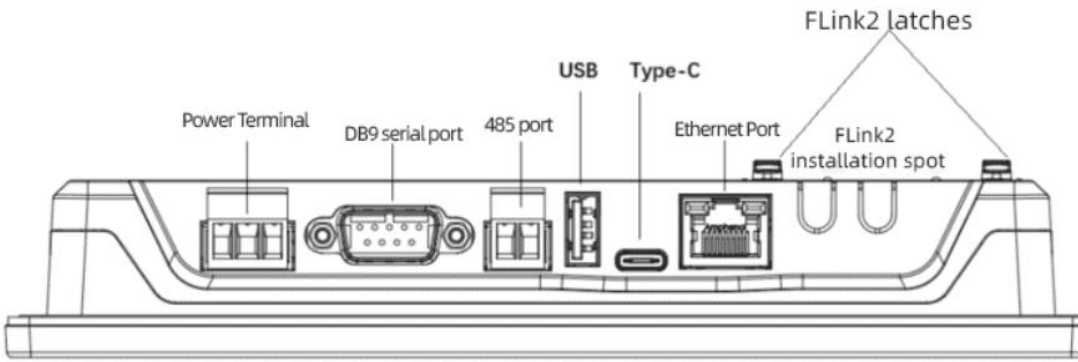
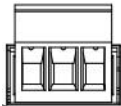
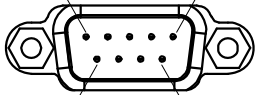




PRODUCT APPEARANCE



7 PRODUCT SPECIFICATIONS

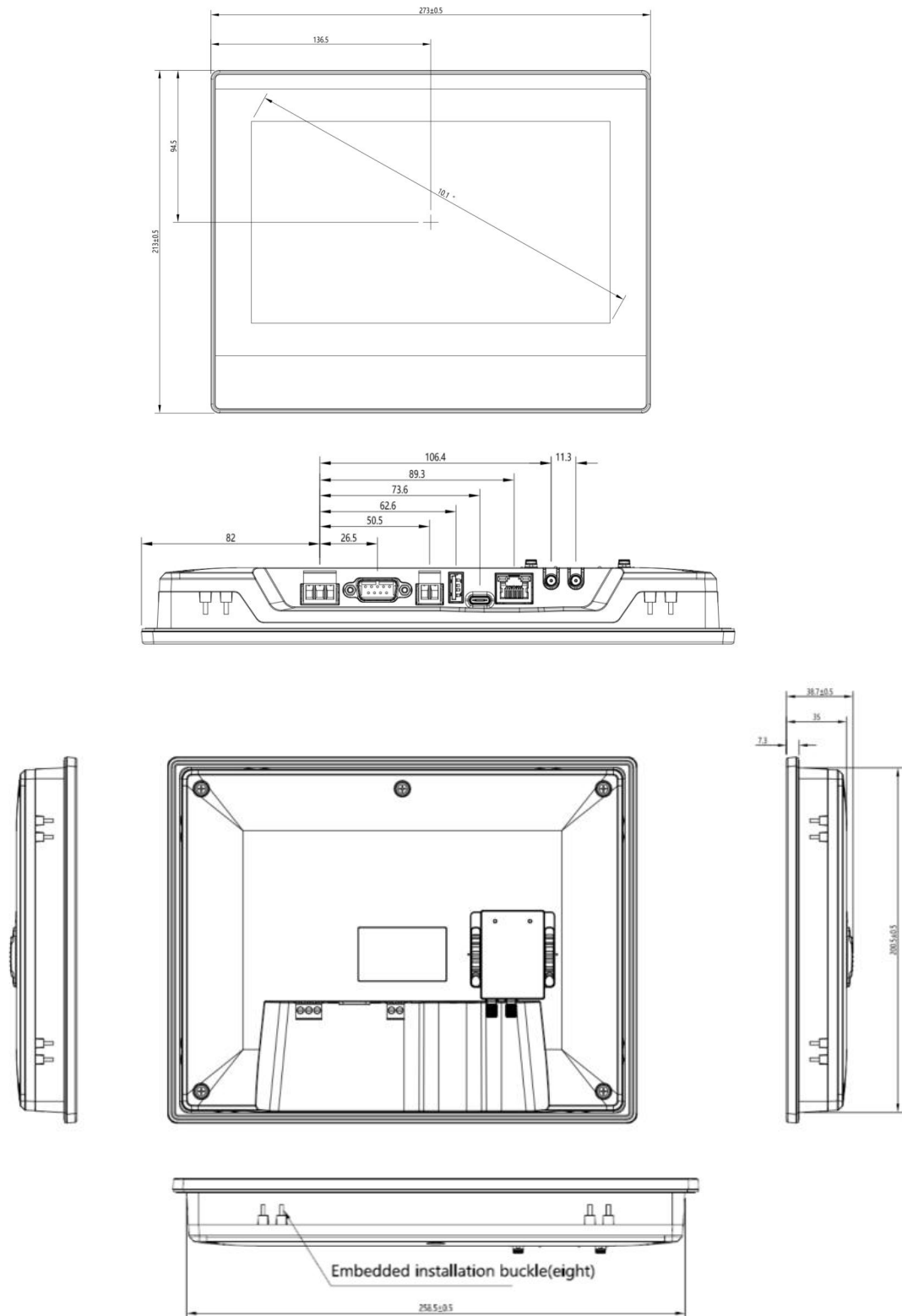
Hardware	Display	10.1" 16:9 TFT LCD
	Resolution	1024 x 600
	Colors	24-Bit
	Brightness	400 cd/m ²
	Backlight	LED
	LCD Lifetime	50000 hours
	Touch Panel	4-wire industrial resistive touchscreen
	LCD Viewing angles (T/B/L/R)	85° / 85° / 85° / 85°
	CPU	1GHz, 2-core Cortex A7
	Storage	256MB DDR3 + 4GB EMMC
	RTC	Built-in
	Ethernet	1* 10M/100M self-adaptive
	SD Card	N/A
	USB Port	1* Type-C OTG port; 1* USB Type A port
	Program download method	USB slave / Flash drive
	Serial port	COM1: RS232 / RS485 / RS422
		COM2: RS485
		COM3: RS232
Electrical	Rated Power	< 10W
	Rated Voltage	24VDC, operational range: 9 ~ 28Vdc
	Power protection	Lighting surge protection
	Power interruption tolerance	< 5mS
	CE & RoHS	EN61000-6-2: 2005 and EN61000-6-4: 2007 standards certified; RoHS certified; lightning surge ± 1KV; group pulse ± 2KV; electrostatic contact 4KV, air discharge 8KV
Environmental	Operation temperature	0 ~ 50 °C
	Store temperature	-20 ~ 60 °C
	UV resistance	Operating in high UV environment is prohibited (e.g., in direct sunlight)
	Environmental humidity	10 ~ 90% RH (non-condensing)
	Vibration Endurance	10 ~ 25Hz (X/Y/Z direction, 2G/30 minutes)
	Cooling method	Natural air cooling
Mechanical	Protection level	Front: IP65 (with flush panel cabinet installation), Rear: IP20
	Enclosure material	Engineering plastic
	Cutout dimensions	260 x 202 (mm)
	Dimensions	273 x 213 x 36 (mm)
	Weight	About 920g

WIRING DEFINITION

			
Power Terminal (Pin 1~3 from left to right)			
	Pin1	FG	
	Pin2	0V	
	Pin3	DC24V	
DB9 Serial Terminal			
	Pin	COM1	COM3
	Pin1	Rx- (B) (RS422/485-)	
	Pin2	RxD (RS232)	
	Pin3	TxD (RS232)	
	Pin4	Tx- (RS422)	
	Pin5	GND	
	Pin6	Rx+ (A) (RS422/485+)	
	Pin7		RxD (RS232)
	Pin8		TxD (RS232)
Pin9	Tx+ (RS422)		
485 Terminals (Pin 1~2 from left to right)			
	Pin1	A+ (COM2 RS485)	
	Pin2	B- (COM2 RS485)	
Ethernet Port			
	RJ45	Used for Ethernet configuration with controllers or connection with server	
Type-C OTG Port			
	Type-C	Slave port:Used for program download and debugging	
		Host port:Used for peripheral devices,such as flash drive or bar code scanner (Type-C to Type-A USB conversion cable required)	
USB Type A Port			
	Type A	Host port:Used for peripheral devices,such as Flash drive or bar code scanner	

7 DIMENSION DRAWINGS

Unit: mm



Flush-mounted installation cutout dimensions: 260mm*202mm (+1.5mm/-0.0mm)