

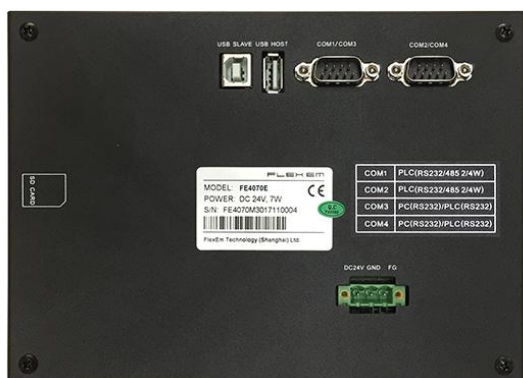
FLEXEM——Resistive HMI 4000 Series

Module: FE4070E

Overview

- Metal enclosure, better heat dissipation and stronger anti-interference ability.
- The main board is treated with a special coating (three anti-paint) to adapt to harsh environment.
- High resolution, high brightness, LED backlight, More energy saving and environmental protection.
- Streamlined two-way communication port, the USB host port supports U disk to storage and download data.
- New configuration software, rich library, powerful features.
- 4-way serial port, With Ethernet port, more powerful expansion function.

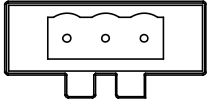
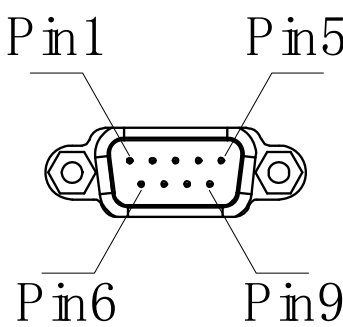
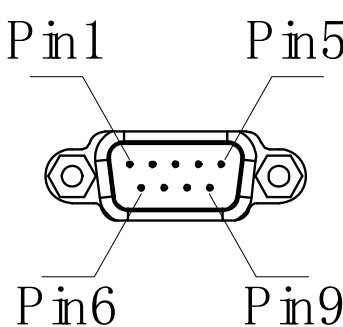
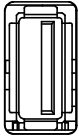


Appearance



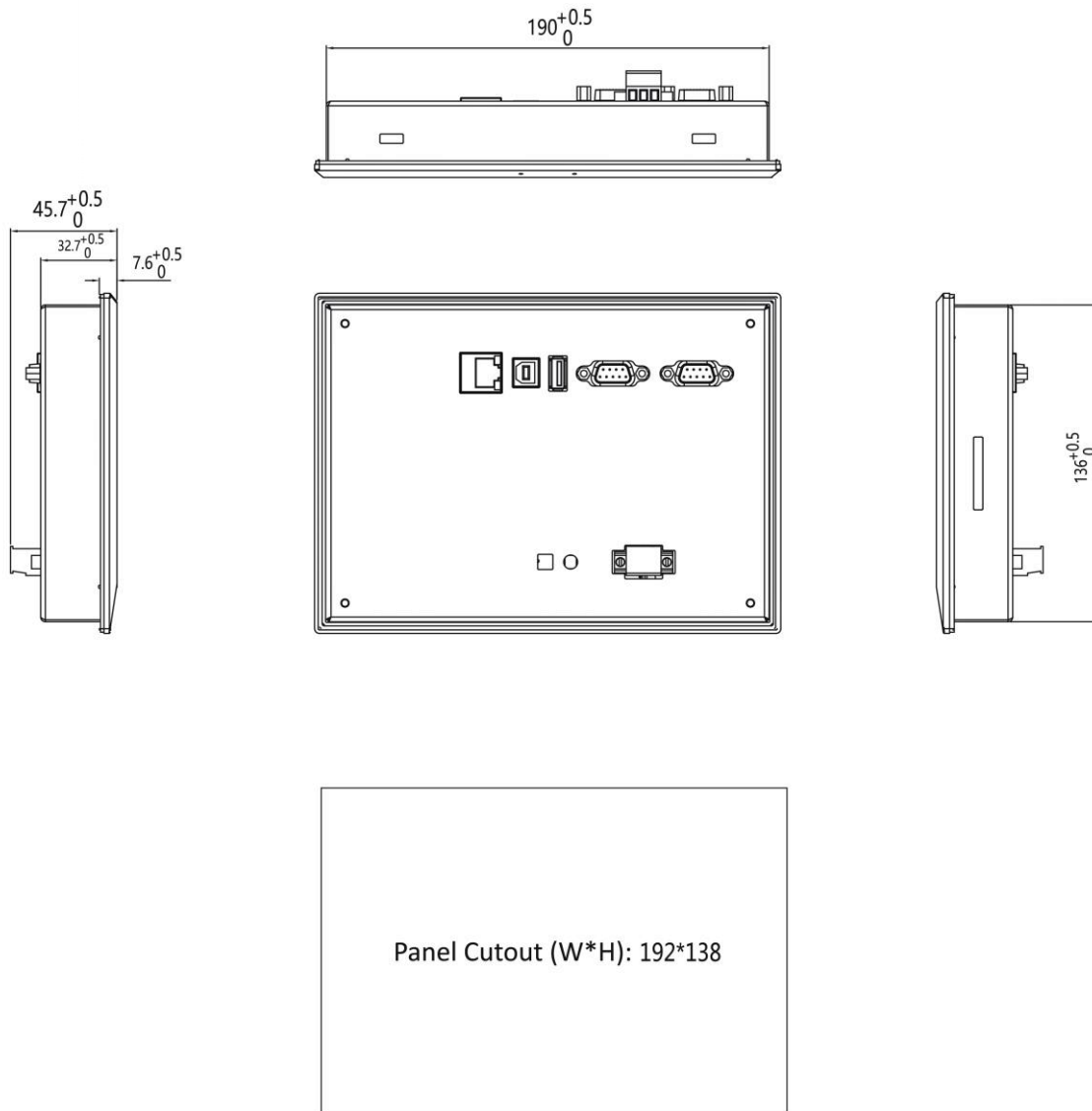
Specifications

Hardware Parameter	Display	7" 16:9 TFT LCD
	Resolution(WxH)	800×480
	Colors	24-bit
	Brightness	360 cd/m ²
	Backlight	LED
	LCD Life	50000 hours
	Touch Panel	4 wires resistive touch screen
	CPU	600MHz ARM Cortex-A8
	Memory	128M Flash + 128M DDR3
	RTC	Built in
	SD Card Port	Available
	Ethernet	10M/100M auto adaptation
	USB Port	USB Slave 2.0 Port*1, USB Host 2.0 Port*1
	Download Project	USB Slave Port/U-disk/Ethernet/SD Card
	COM Port	COM1/COM2: RS232/RS485/RS422 COM3/COM4: RS232
	LCD viewing angle (T/B/L/R)	50'/70'/70'/70'
Electrical Specifications	Power Consumption	< 10W
	Input Power	DC24V, Working range DC 18V~28V
	Power Protection	Protected from thunderstrike and surging
	Power Down Allowed	< 5mS
	CE & RoHS	Complied with EN61000-6-2:2005, EN61000-6-4:2007, RoHS, Surge Immunity:±1KV, EFT:±2KV,ESD:4KV, Air:8KV
Environmental Requirements	Operating Temperature	-20~70℃
	Storage Temperature	-30~80℃
	Anti-UV	Prohibit working in strong UV environment(Such as direct sunlight)
	Operating Humidity	10~90%RH (No Condensate)
	Vibration Endurance	10~25Hz (X,Y,Z direction 2G/30 minutes)
	Cooling	Natural air cooling
Mechanical Index	Degree of Protection	Front IP65 (with NEMA panel, Back IP20)
	Enclosure	Aluminium alloy + galvanized sheet covering powder
	Panel Cutout	192mm×138mm
	Dimension	200mm×146mm×40mm
	Weight	About 1080g

Wiring definition

Power Terminal (Pin1~Pin3 from left to right)		
	Pin1	FG
	Pin2	0V
	Pin3	DC24V
DB9 Serial Terminal(COM1/COM3)		
	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+
DB9 Serial Terminal(COM2/COM4)		
	Pin1	Rx-(B)
	Pin2	RxD (COM2 RS232)
	Pin3	TxD (COM2 RS232)
	Pin4	Tx-
	Pin5	GND
	Pin6	Rx+(A)
	Pin7	RxD (COM4 RS232)
	Pin8	TxD (COM4 RS232)
	Pin9	Tx+
USB Host		
	USB Type A	Used to connect U disk, scan code gun and other peripherals
USB Slave		
	Micro USB	Used to download programs and debug
Ethernet Port		
	RJ45	Used to set Ethernet with controller or connect to server

Size FE4070E



Contact Us

Shanghai (R&D Center)

Address Floor 11, Block B, INNO Center,
No.298, Guoxia Road,
Yangpu District, Shanghai

Telephone +86-21-68683993

Fax +86-21-65107569

Suzhou

Address Room 915, Ricky Building
No.668, Yuting Avenue,
Suzhou Industrial Park

Telephone +86-512-69833996

Shenzhen (Factory)

Address 5 th Floor, NO.2 Building, Lanyun
Science Park, Tangtou Road,
Shiyan Town, Baoan District,
Shenzhen, China

Telephone +86-755-27610682

Fax +86-755-27629895

Wuxi

Address Room 1603, Taihu Mingzhu
Development Building, NO.1890
Taihu West Road, Binhu Distric,
Wuxi City

Telephone +86-18505101982

Beijing

Address Room 2008, Building 1,NO.93
Jianguo Road,
Chaoyang District,
Beijing (Wanda Plaza),China

Telephone +86-10-58204608

Fax +86-10-58204608

Hangzhou

Address Floor 1, Unit LEO, Block 5,
Singapore Science Park,
Road 6th, Xiasha Economic
Development Zone, Hangzhou