

FLEXEM——Capacitive HMI 3000 Series

Module: FE3043H

Overview

- Plastic enclosure, low cost, high reliability.
- 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.
- The USB host port supports U disk to storage and download data.
- 2-way serial port, more powerful expansion function.
- New configuration software, rich library, powerful features.


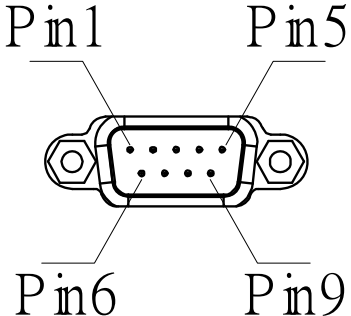


Appearance



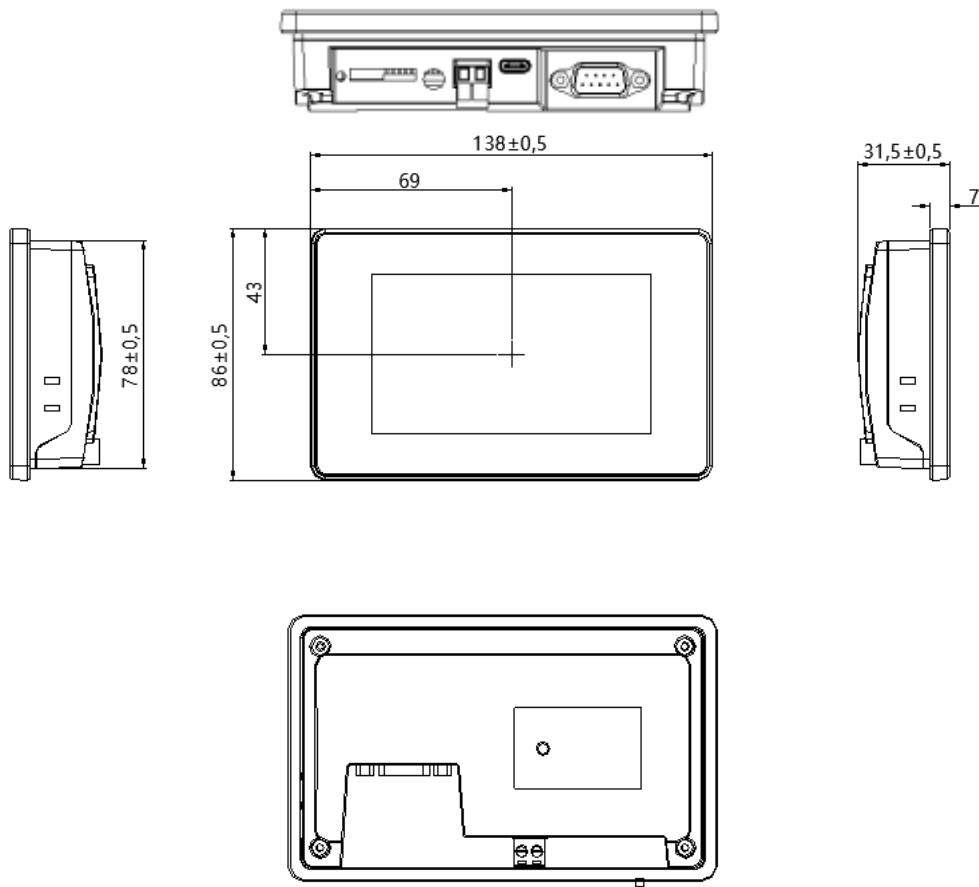
Specifications

Hardware Parameter	Display	4.3" 16:9 TFT LCD
	Resolution(WxH)	800×480
	Colors	16-bit
	Brightness	250 cd/m ²
	Backlight	LED
	LCD Life	50000 hours
	Touch Panel	4 wires resistive touch screen(Surface hardness 4H)
	CPU	600MHz ARM9
	Memory	64MB RAM+128MB Flash
	SD Card	None
	Ethernet	None
	USB Port	1 Type-C OTG Connection
	Download Project	USB Slave Port/U-disk
	COM Port	COM1: RS232/RS485/RS422; COM3: RS232
	LCD viewing angle (T/B/L/R)	80°/80°/80°/80°
Electrical Specifications	Power Consumption	< 2.5W
	Input Power	DC24V, Working range DC 9V~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 Specifications	Operating Temperature	0~50C
	Storage Temperature	-20~60C
	Anti-UV	Not suitable to work in strong ultraviolet light (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	ABS
	Panel Cutout	132mm×80mm
	Dimension	138mm×86mm×32mm
	Weight	About 300g

Wiring definition

Power Terminal (Pin1~Pin2 from left to right)		
	Pin1	0V
	Pin2	DC24V
DB9 Serial Terminal (Pin1~Pin9 from left to right)		
	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+
USB Host		
	USB Type A	Used to connect U disk, scan code gun and other peripherals(It needs type C and USB Type A conversion line)
USB Slave		
	USB Type C	Slave port function: used to download programs and debug Main port function:used to connect U disk, scan code gun and other peripherals(It needs type C and USB Type A conversion line)

Size FE3043H



Embedded Installation Size: **132*80mm**

Contact Us

Shanghai (R&D Center)

Address Room 804, Lane 1688, North
Guoquan Road, Yangpu District,
Shanghai, China

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 Room 1005, Building6, Dongsha
Mingcheng, NO.159, Tiancheng
East Road, Xiasha Development
Zone, Hangzhou