

**Flexem HMI 9000 Series    Unit Price:USD172    MOQ:200sets**

## **FLEXEM FE9070WE SPECIFICATIONS**

**Model: FE9070WE**

### **Products Overview**

**Flexem industrial touch screen FE9000 series HMI, a new generation HMI, it extends Flexem touch screen 6000 series IIOT HMI function, industrial ABS economic frame, lost cost and high reliability.**

**Fully new module, using more practical way, redesign front and higher color with higher resolution HMI.**

**Through selecting FLink IOT module to update to IOT HMI directly to enjoy complete Flexem IOT cloud service.**

### **Products Outlook**



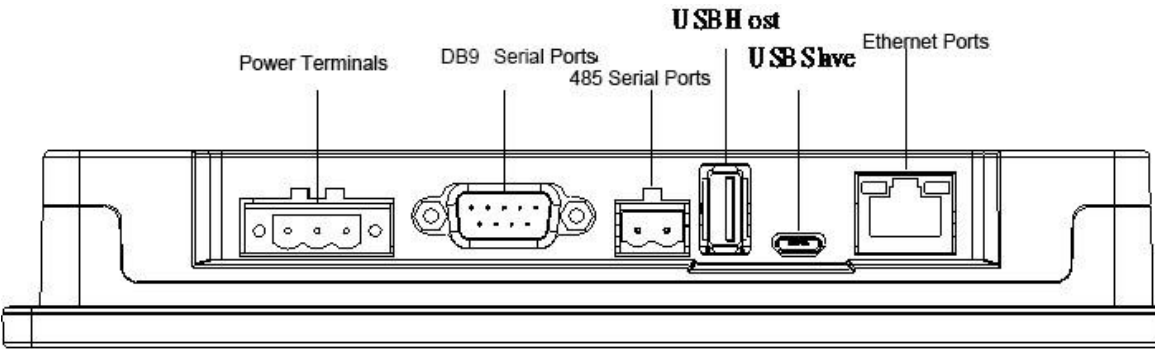


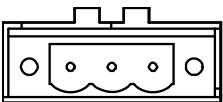
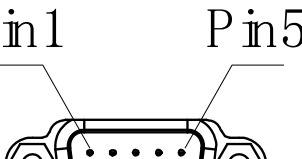
## Specifications





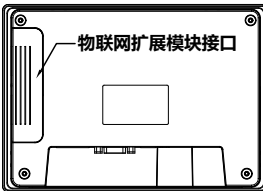
Hardware Parameters	Display	7" 16:9 TFT LCD Screen
	Resolution	1024×600
	Color	24-bit
	Brightneww	350 cd/m <sup>2</sup>
	Backlight	LED
	LCD Life	50000 hours
	Touch Screen	4-line Industrial Resistive HMI
	CPU	1G ARM Cortex-A8
	Memory	256MB FLASH+512MB DDR3
	RTC	RTC Built-in
	Ethernet	1-line 10M/100M adaptive
	SD Card	Supporting
	USB Port	1 USB Slave 2.0 Port,1 USB Host 2.0 Port
	Program Downloading	USB Slave/U-disc/
	Serial Communication Port	COM1:RS232/RS485/RS422 COM2:RS485 COM3:RS232
	LCD Viewing Angle (T/B/L/R)	85'/85'/85'/85'
Specifications	Rated Power	< 10W
	Rated Voltage	DC24V,working range DC 9V~28V
	Power Protection	With lightening and surging protection
	Power Loss	< 5mS
	CE & RoHS	Confirms to EN61000-6-2:2005, EN61000-6-4:2007 standard, Confirms to RoHS, lightening and surging ±1KV,Group Pulse

		±2KV, Static contact 4KV,air discharging 8KV
Environment Requirement	Working Temperature	0~50°C
	Storage Temperature	-20~60°C
	Anti- ultraviolet	Prohibit work under strong violet environment such as direct sunshine.
	Environment Humidity	10~90%RH (non-condensate)
	Anti-vibration	10~25Hz (X,Y,Z direction 2G/30 minutes )
	Cooling	Natural Cooling
Mechanic Paramters	Protection Grade	Front panel confirms to IP65(equip with flat cabinet installation),back cover confirms to IP20
	Mechanic Structure	Engineering Plastics
	Hole Size	192mm×138mm
	Machine Size	204mm×145mm×33.8mm
	Weight	About 560 g

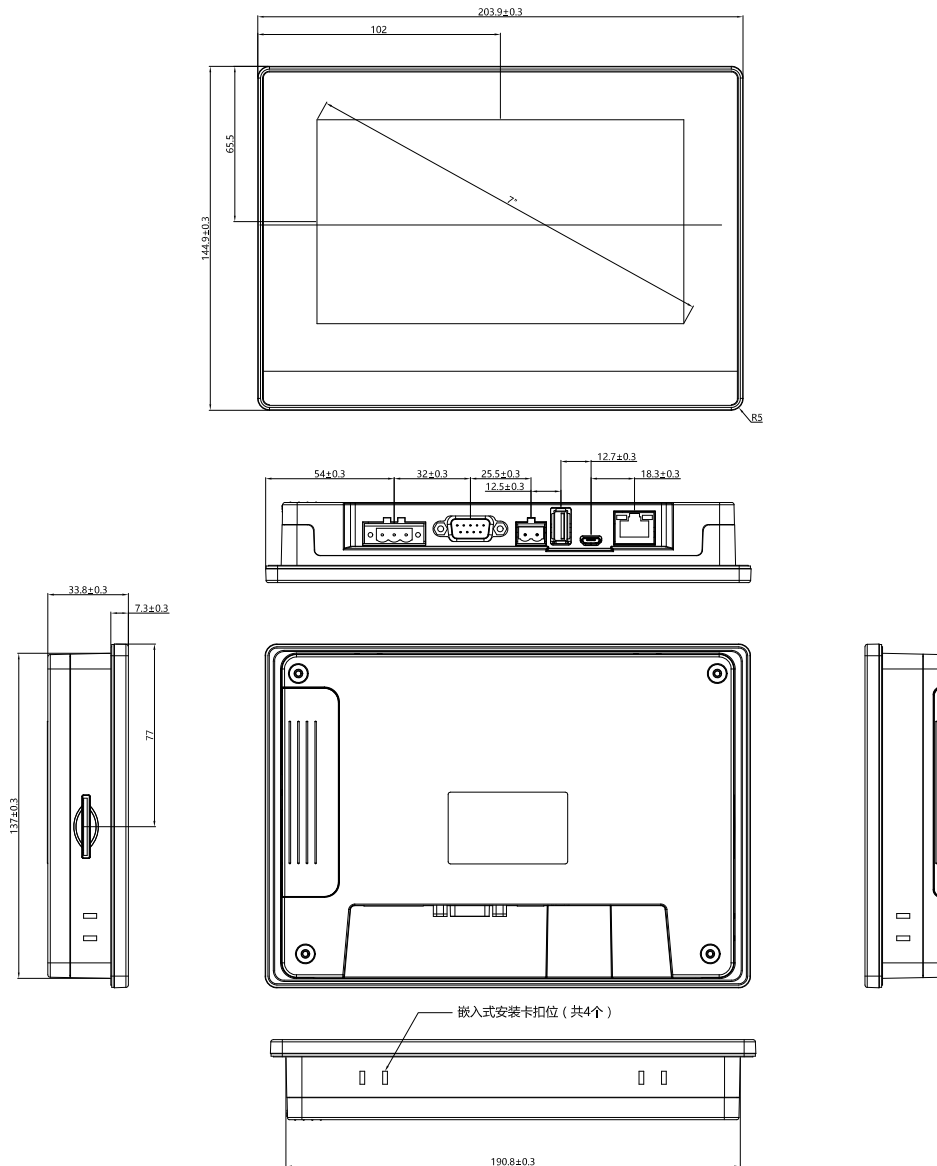
## Wiring Definition



Power Terminals (Pin1~3 from left to Right)			
	Pin1	FG	
	Pin2	0V	
	Pin3	DC24V	
DB9 Serial Port Terminals			
	Definition	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 (Pin1~2 from left to Right)			
	Pin1	A+ (COM2 RS485)	
	Pin2	B- (COM2 RS485)	
Ethernet Ports			
	RJ45	Used for setting Ethernet with controllers or used for connecting server.	
USB Host			
	USB Type A	Used for connecting U-disc and barcode scanner etc.	
USB Slave			
	Micro USB	Used for program downloading and testing.	
FLink Expansion Module			
	Expansion Module Slot	Module: FLink,FLink-2G(-A),FLink-4G(-A) FLink-4G(-C),FLink-WiFi(-A)	

## Size FE9070WE



Embedded Hole Installation:  $192 \times 138 (+1.5\text{mm}/-0.0\text{mm})$

Size FE9070WE+FLink

