

## FLEXEM——Resistive HMI 4000 Series

### Module: FE4097C-HDMI

#### Overview

- The main board is treated with a special coating (three anti-paint) to adapt to harsh environment.
- 1024\*768 High resolution.
- 420 cd/m<sup>2</sup>High brightness, LED backlight, more energy saving and environmental protection.
- Supporting VGA/HDMI multiple signal input.
- Supporting RS232/USB touch signal output.
- Plastic enclosure, low cost, high reliability.


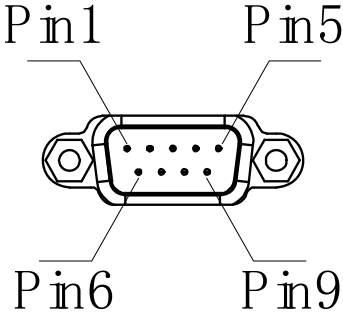
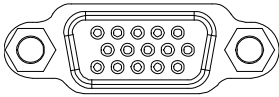
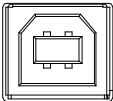
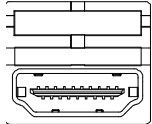
#### Appearance



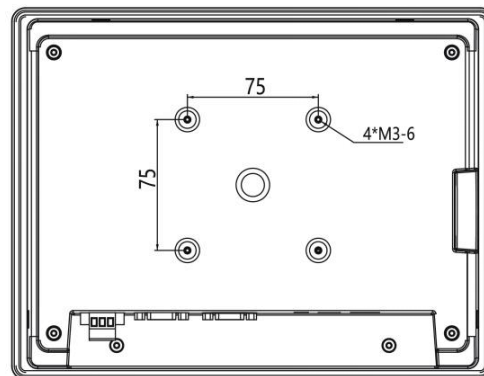
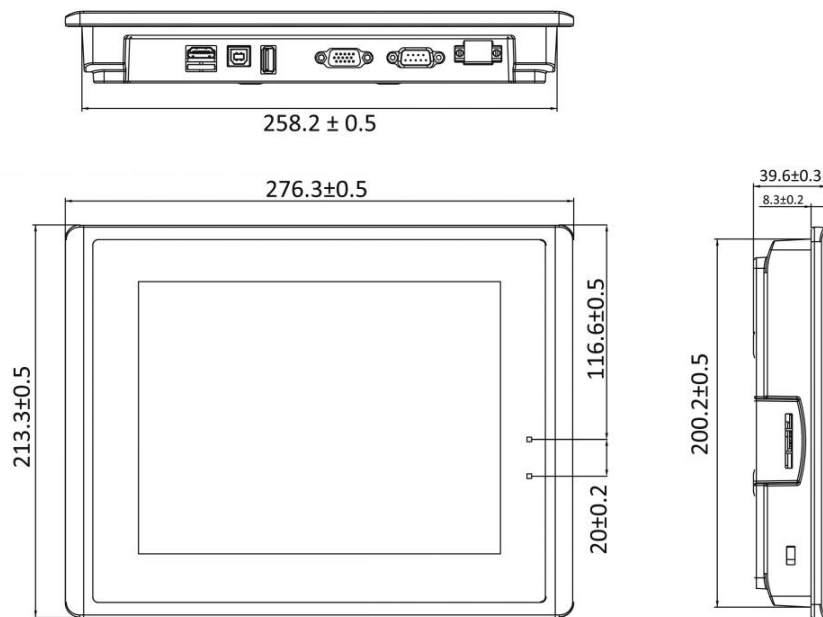
## Specifications

Hardware parameter	Display	9.7" 4:3 TFT LCD
	Resolution (WxH)	1024×768
	Colors	16-bit
	Brightness	420 cd/m <sup>2</sup>
	Backlight	LED
	LCD Life	50000 hours
	Touch Panel	4 wires resistive touch screen
	Signal input	VGA/HDMI
	Touch communication	RS232/USB
	USB Port	Type B connector
	COM Port	RS232
	Touch software	Com touch
	Download link	<a href="http://www.flexem.com/download.html">http://www.flexem.com/download.html</a>
	LCD viewing angle (T/B/L/R)	85'/85'/85'/85'
Electrical Specifications	Power Consumption	< 10W
	Input Power	DC24V,working range DC 9V~28V
	Power Protection	DC/DC Power, Protected from thunder strike 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
Environment Specifications	Operating Temperature	0~50°C
	Storage Temperature	-20~60°C
	Anti-UV	Not suitable to work in strong ultraviolet light (such as direct sunlight)
	Operating Humidity	10~90%RH(Non condensation)
	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	Engineering plastic
	Panel Cutout (WxH)	259mm×201mm
	Dimension	276mm×213mm×39mm
	Weight	About 1500g

**Wiring definition**

Power terminal (Pin1~Pin3 from left to right)		
	Pin1	FG
	Pin2	0V
	Pin3	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+
VGA Port		
	VGA Port (Terminal Female)	The computer uses a dedicated interface for VGA standard output data.
USB Slave		
	Type B	Used to download programs and debug
HDMI Port		
	HDMI Port	For external HDMI devices

### Size FE4097C-HDMI



Panel Cutout (W\*H):  
 $259\text{mm} \times 201\text{mm} (+1.0/-0.0)$

Wall Mounting Installation:  
 $75\text{mm} \times 75\text{mm}$   
 $4 \times M3-6$

## Contact us

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