

Flexem IOT HMI 7000 series

Model: FE7070IP

Product Overview

This HMI uses industrial ABS plastic casing with high adaptability and reliability.

The new cover mold setting provides high protection grade IP65 waterproof structure design; new design for front cover with more beautiful appearance.

The design of using back studs to fix the product makes it easy to install.

Product Appearance



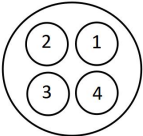
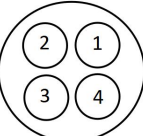
Hardware Specification

Hardware Parameters	Display	7” 16:9 TFT LCD
	Resolution	800×480
	Color range	16
	Brightness (cd/m²)	350 cd/m²
	Backlight	LED
	Half Brightness Life Time (MTBF*1)	50000 hours
	Touch Screen	4-wire Industrial Resistive Type
	CPU	1GHz ARM Cortex-A7
	Memory	128MB Flash + 128MB DDR3
	RTC	Built-in
	Ethernet port	NA
	SD Card	1 USB Slave Type-C port; 1 USB Host 2.0 port
	Download	USB Slave/U drive
Electrical specifications	Serial port	COM1: RS485
	LCD viewing angle (T/B/L/R)	50°/70°/70°/70°
	Rated Power	< 10W
	Rated Voltage	DC24V;Voltage range: DC 9V~28V
	Power supply protection	With lightning surge protection
Environmental requirements	Allowable power-off time	< 5mS
	Certification	CE: Comply with EN61000-6-2:2005, EN61000-6-4:2007 standards RoHS: Comply with RoHS
	Working Temperature	0~50℃
	Storage Temperature	-20~60℃
	UV-Proof	0~50℃
	Environment humidity	-20~60℃
	Anti-vibration	Do not work in strong ultraviolet environment (such as direct



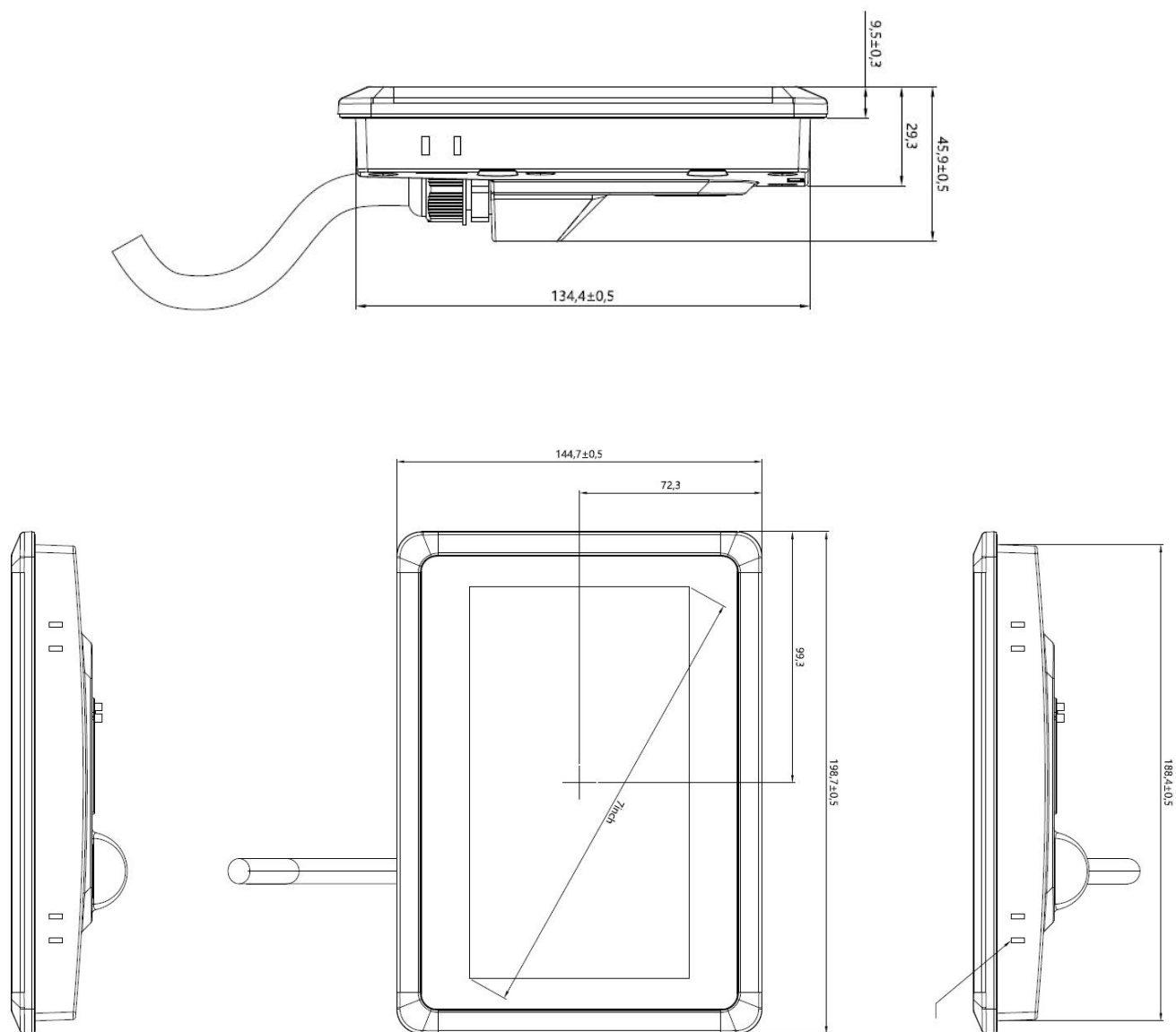
Mechanical Parameters		sunlight).
	Cooling method	10~90%RH (Non condensing)
	Protection	Water-proof
	Mechanical Structure	Engineering Plastics
	Panel Cutout	192mm×138mm
	Machine Size	199mm×145mm×50mm
	Net Weight	About 500g

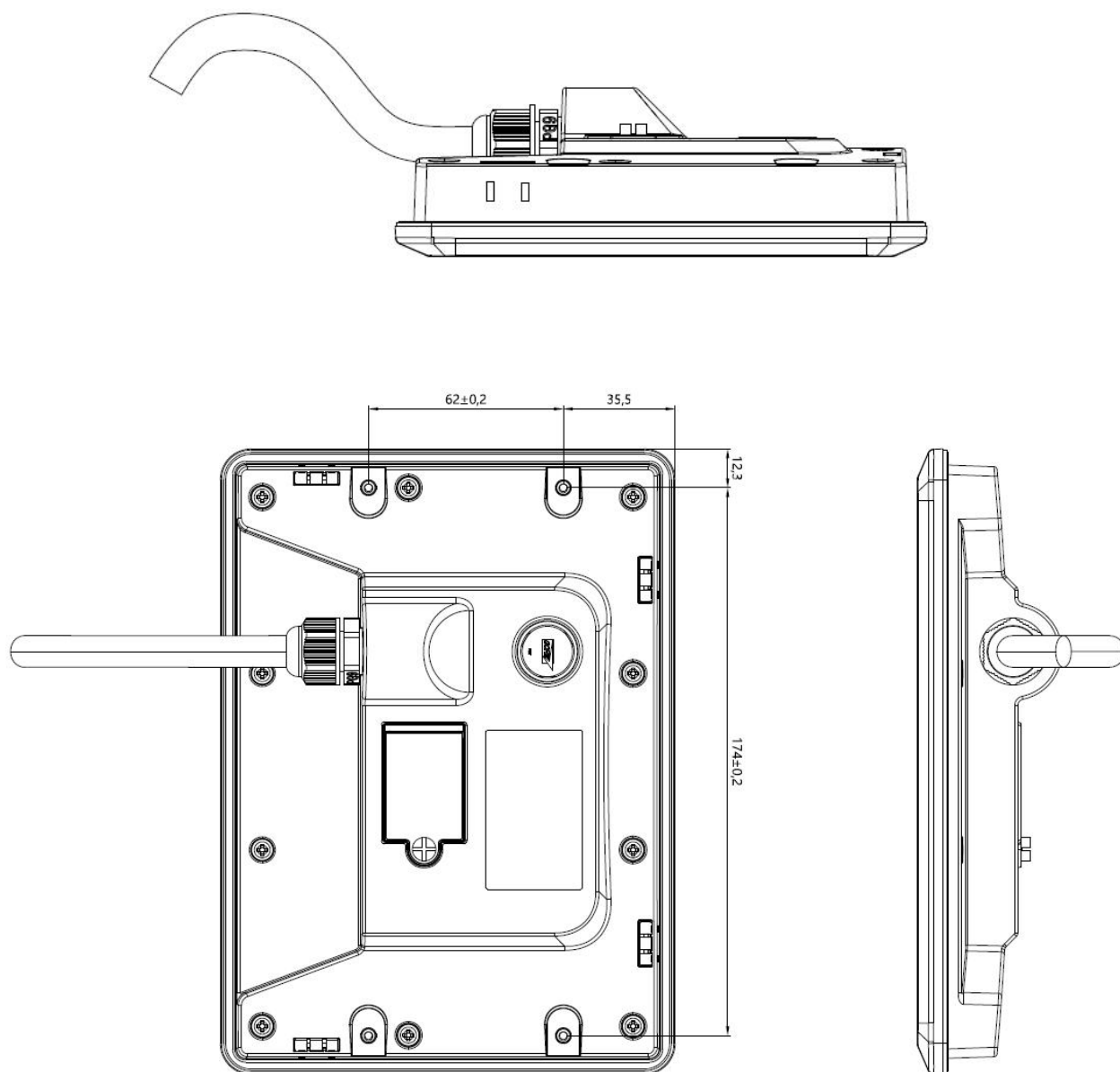
Wiring Definition

  		
Water-proof Terminals (Pin1~4)		
	Pin1	DC24V
	Pin2	0V
	Pin3	COM1:RS485-
	Pin3	COM1:RS485+
USB Host		
	USB Type A	Used for connecting U-disc and bar code scanner etc.
USB Slave		
	Type-C	Used for downloading programs and debugging

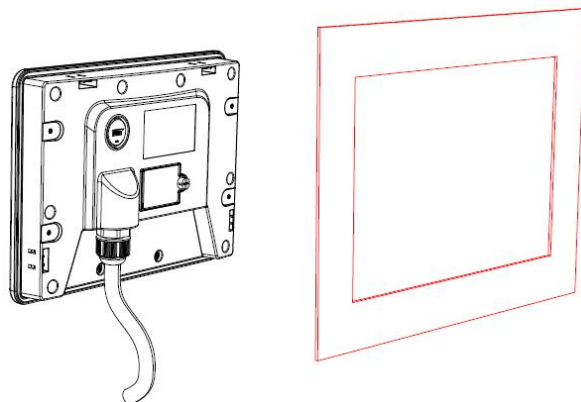


Dimension drawing

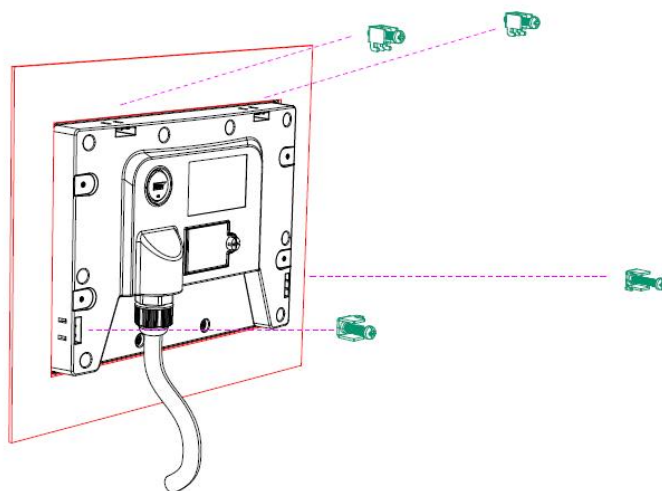




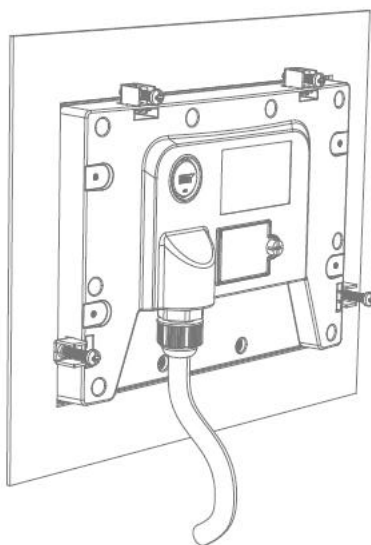
Installation



Install the product to the mounting panel.



Use 4 sets of accessories (snaps + PM4*20 screws) to fix the product to the mounting panel.





Shanghai Flexem Technology Co.,Ltd.

Installation finished.

