

FLEXEM——IIoT HMI FE6000 Series

Module: FE6156H

Overview

Flexem Industrial HMI 6000 Series, a new generation of IIoT human-machine interface. It is high-quality and cost-effective touch screen, aluminum plastic shell, low cost, high reliability. The mainboard is treated with a special coating (three anti-paint) to adapt to harsh environments. The new model opens with a more practical down-line approach, and the redesigned front face has a better looking look, and higher resolution model is available.

By selecting the FLink IIoT module, you can upgrade the IIoT human-machine interface immediately and uses complete and convenient industrial IIoT cloud platform service.

Appearance

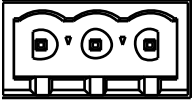
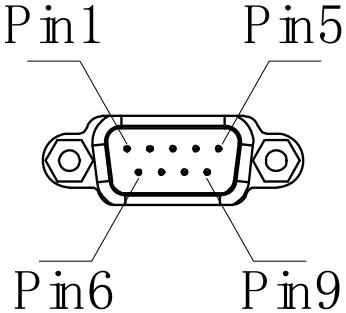
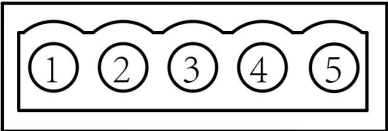
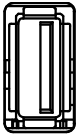

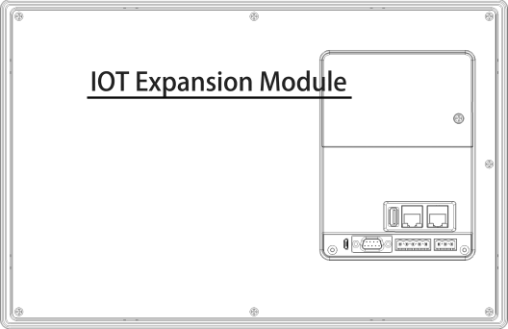


Product Specification

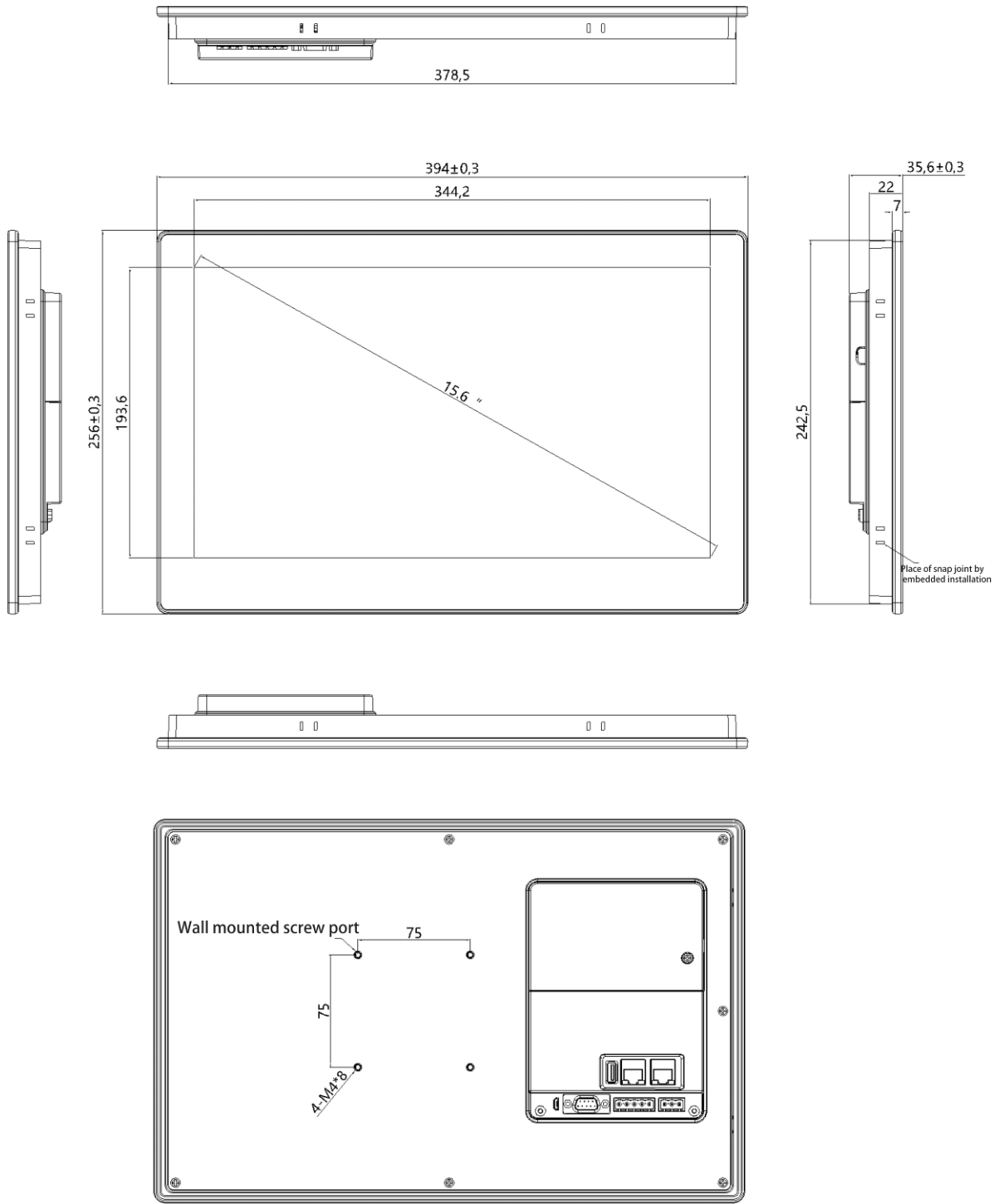
Hardware parameter	Display	15.6" 16:9 TFT LCD
	LCD viewing angle (T/B/L/R)	85'/85'/85'/85'
	Resolution(W xH)	1920×1080
	Colors	65K
	Brightness	250 cd/m ²
	Backlight	LED
	LCD Life	50000 hours
	Touch Panel	4 wires resistive touch screen
	CPU	1G ARM Cortex-A8
	Memory	256MB FLASH+512MB DDR3
	RTC	Built in
	SD card	Micro SD (TF) card
	Ethernet	10M/100M Ethernet
	USB Port	1 USB Slave 2.0 Port; 1 USB Host 2.0 Port
	Download Project	USB Disk/USB Device/Ethernet
	COM Port	COM1/ COM3: RS232/RS485/RS422; COM2: RS485/RS422
Electrical Specifications	RatedPower	< 18W
	RatedVoltage	DC 24V,Input Range:DC 18V ~ 28V
	PowerProtection	Isolated power supply, protected from thunderstrike and surging
	AllowPowerLoss	< 5mS
	CE & RoHS	EN61000-6-2:2005, EN61000-6-4:2007, RoHS, CESurge Immunity:±1KV; EFT:±2KV; ESD:4KV, Air:8KV
Environmental Specifications	OperatingTemperature	0~50°C
	StorageTemperature	-20~60°C
	UVProtection	Do not work in strong ultraviolet light (such as direct sunlight)
	AmbientTemperature	10~90%RH (Non Condensation)
	ShockResistance	10 ~ 25Hz(X/Y/Z 2G/30Min)

	Cooling Method	Natural cooling
Mechanical Index	Installation	embedded installation/VESA installation
	Degree of Protection	Front IP65(with NEMA Panel), Back IP20
	Enclosure	Aluminum Alloy
	Panel Cutout	380mm×245mm
	Dimension	394mm × 256mm × 36mm , thickness 22mm(not including expansion_
	Weight	About 2250g

Wiring definition

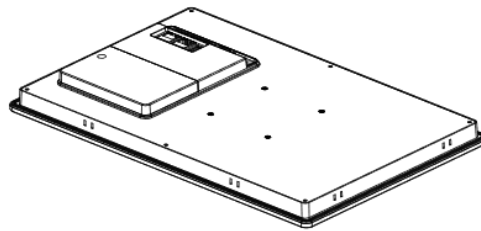
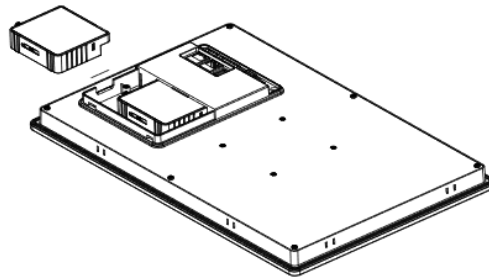
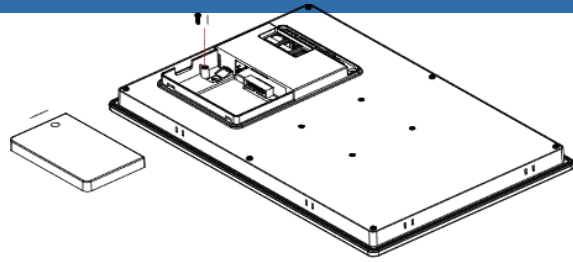
Power terminal (Pin1~Pin3from left to right)		
	Pin1	DC24V
	Pin2	GND
	Pin3	FG
DB9 Serial terminal(COM1/COM3)		
	Pin1	Rx-(B)
	Pin2	RxD (COM1 RS232)
	Pin3	TxD (COM1 RS232)
	Pin4	Tx-
	Pin5	GND
	Pin6	Rx+(A)
	Pin7	RxD (COM3 RS232)
	Pin8	TxD (COM3 RS232)
	Pin9	Tx+
COM2 Port		
	Pin1	Rx+(A)
	Pin2	Rx-(B)
	Pin3	GND
	Pin4	Tx+
	Pin5	Tx-
USB Host		
	USB Type A	Used to connect U disk, scan code gun and other peripherals
USB Slave		
	MicroUSB	Used to download programs and debug
FLink Expansion module		
	Expansion module card slot	Support Module: FLink FLink-2G-A FLink-4G-A FLink-WiFi-A

Size FE6156H

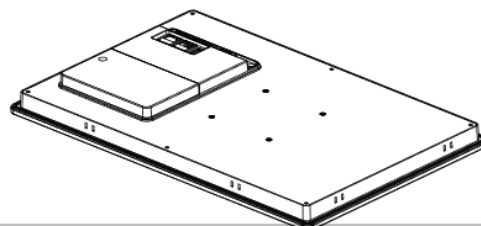
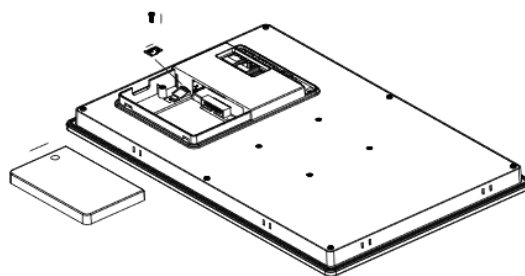


Size of Wall mounted screw port: 380mm*245mm

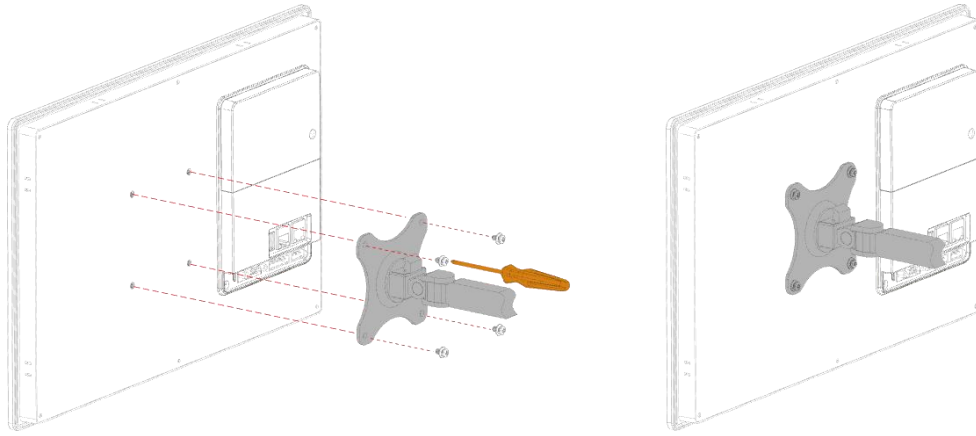
FLink Installation



TF card Installation



VESA Installation



Accessory: screw PM4*8 (Not including pylons) 。

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