



Main Features

- 15.6 Inch IloT HMI
- Remote download and Configuration
- Edge computing
- Optimum efficiency

Specification

Display	: 15.6" 16:9 TFT LCD
Resolution (WxH)	: 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	: 256M Flash + 512M DDR3
RTC	: Built in
Ethernet	: 10M/100M Ethernet
SD Card Port	: Micro SD (TF) card
USB Port	: USB Slave 2.0 Port*1, USB Host 2.0 Port*1
Download Port	: USB Disk/U-Device/ Ethernet
COM Port	: COM1/COM3: RS232/RS485/RS422 COM2: RS485/RS422
LCD Viewing Angle (T/B/L/R)	: 85°/85°/85°/85°

Electrical Specification :

Power Consumption	: < 18W
Input Power	: DC24V, working range DC 18V~28V
Power Protection	: Isolated power supply, protected from thunder strike and surging
Power Down Allowed	: < 5mS
CE & RoHS	: Complied with EN61000-6-2:2005, EN61000-6-4:2007, RoHS, CESurge Immunity: ±1KV, EFT: ±2KV, ESD: 4KV, Air: 8KV

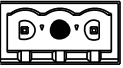
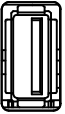
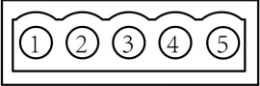
Environment Specification :

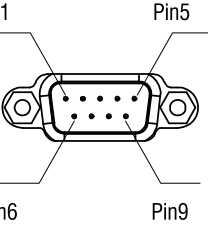
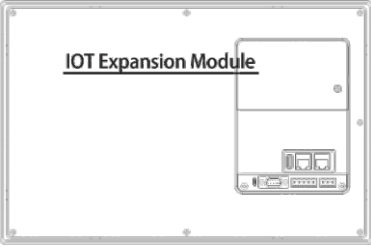
Operating Temperature	: 0~50°C
Storage Temperature	: -20~60°C
UVA Protection	: Do not work in strong ultraviolet light (such as direct sunlight)
Operating Humidity	: 10~90%RH (Non condensation)
Vibration Endurance	: 10~25Hz (X,Y,Z direction 2G/30 minutes)
Cooling	: Natural air cooling

Mechanical Specification :

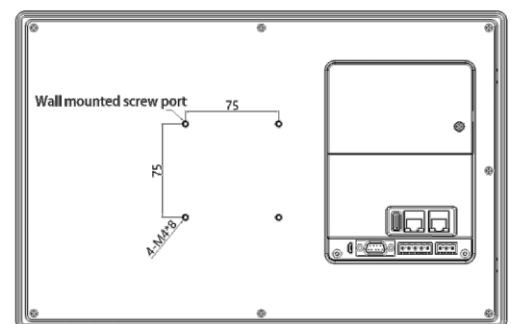
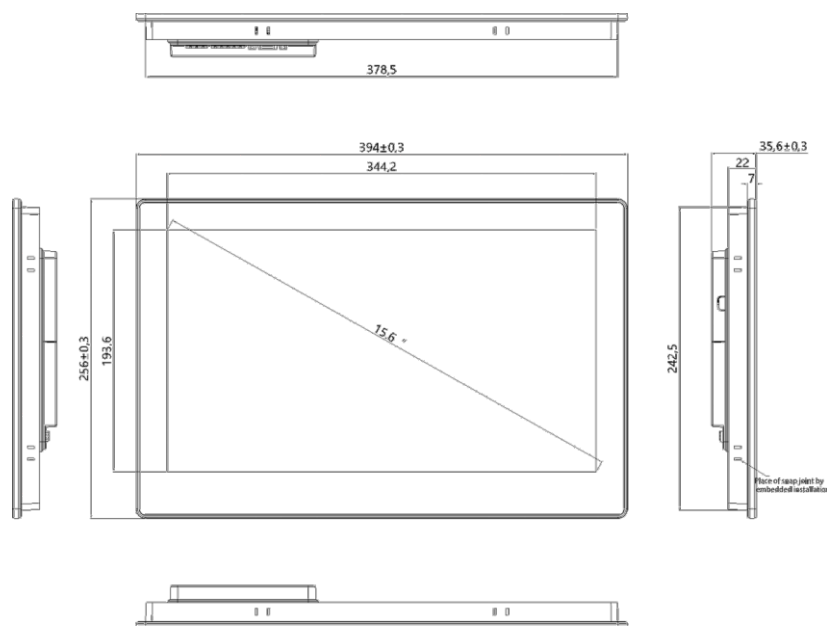
Degree of protection	: Front IP65 (with NEMA panel), Back IP20
Enclosure	: Aluminum alloy
Panel Cutout (WxH)	: 380mm×245mm or Wall Mount
Dimension	: 394mm×256mm×36mm, thickness 22mm (not including expansion)
Weight	: About 2250g

Wiring Definition

Power Terminal (Pin1 ~ Pin3 from left to right)		
	Pin1	DC 24V
	Pin2	GND
	Pin3	FG
USB Slave		
	Micro USB	Used to download programs and debug
USB Host		
	USB Type A	Used to connect U disk, scan code gun and other peripherals
COM2 Port		
	Pin1	Rx-(A)
	Pin2	Rx-(B)
	Pin3	GND
	Pin4	Tx+
	Pin5	Tx-

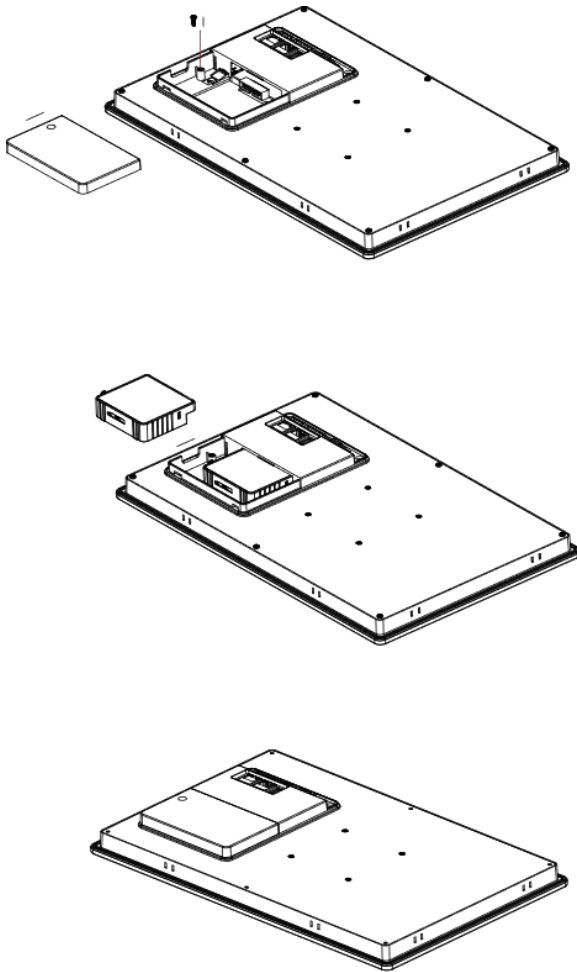
DB9 Serial Terminal (COM1 / COM3)		
	Pin1	Rx-(B)
	Pin2	RxD (COM1 RS232)
	Pin3	TxD (COM1 RS232)
	Pin4	Tx-
	Pin5	GND
	Pin6	Rx+(A)
	Pin7	RxD (COM3 RS232)
	Pin8	TxD (COM3 RS232)
	Pin9	Tx+
FLink Expansion Module		
	Expansion module card slot	Support Module : FLink FLink-2G-A FLink-4G-A FLink-WiFi-A

Dimensions & Panel Cutout

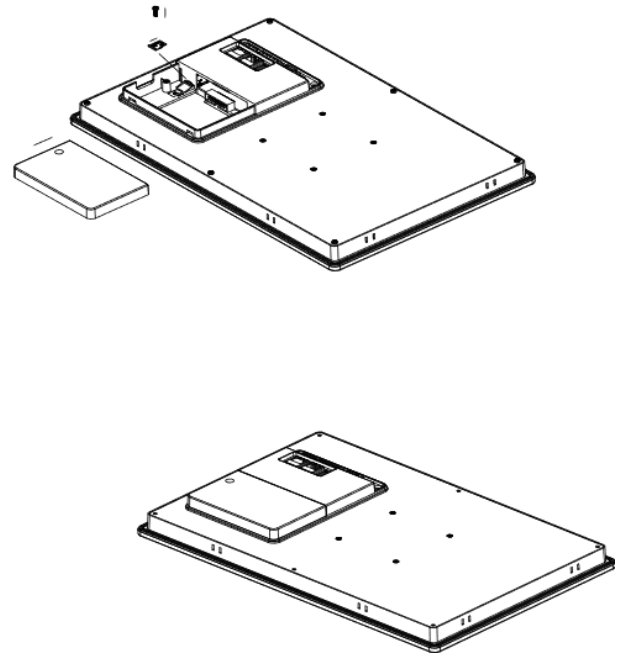


Size of Wall mounted screw port: 380mm*245mm

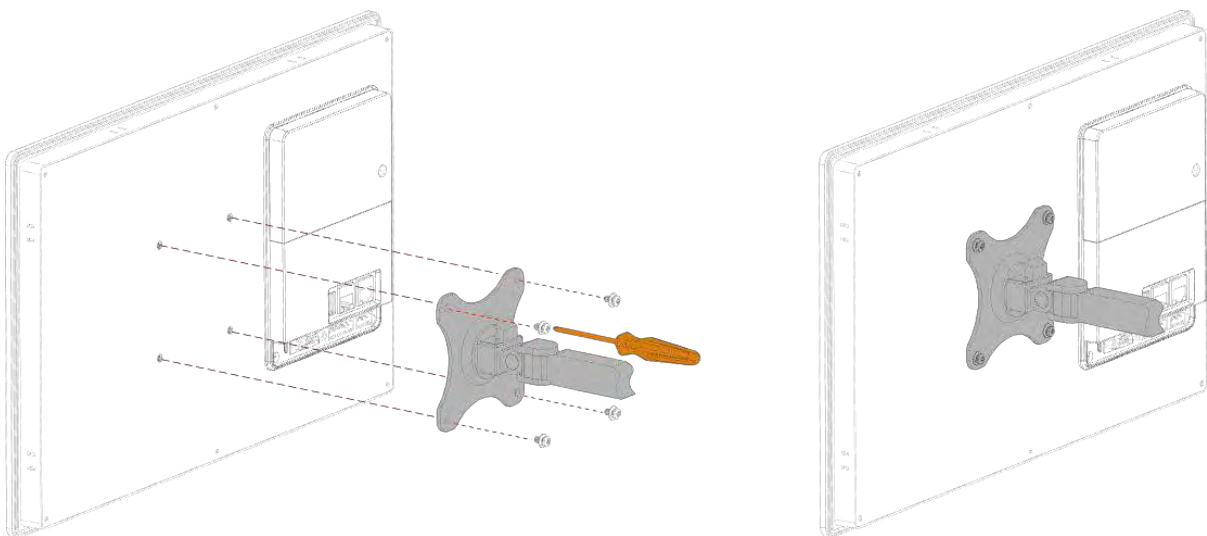
FLink Installation



TF Card Installation



VESA Installation



Accessory : screw PM4*8 (Not including pylons)