



Main Features

- 7 Inch IIoT HMI
- Remote download and Configuration
- Edge computing
- Optimum efficiency

Specification

Display	: 7" 16:9 TFT LCD
Resolution (WxH)	: 800X480
Colors	: 24 bit
Brightness	: 360 cd/m ²
Backlight	: LED
LCD Life	: 50000 hours
Touch Panel	: 4 wires resistive touch screen
CPU	: 600MHz ARM Cortex-A8
Memory	: 128M Flash + 128M DDR3
RTC	: Built in
Ethernet	: N/A
USB Port	: USB Slave 2.0 Port*1, USB Host 2.0 Port*1
Download Port	: U-Disk/USB Slave
COM Port	: COM1: RS232/RS485/RS422 COM3 : RS232
LCD Viewing Angle (T/B/L/R)	: 50°/70°/70°/70°

Electrical Specification :

Power Consumption	: < 10W
Input Power	: DC24V, working range DC 9V~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

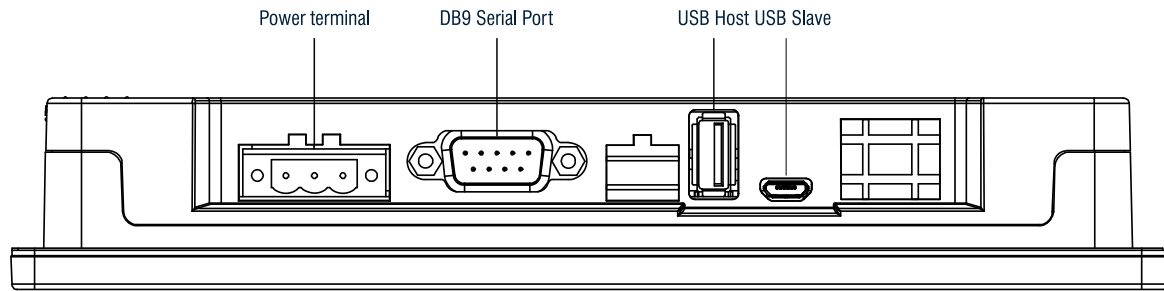
Environment Specification :

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

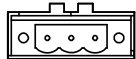
Mechanical Specification :

Degree of protection	: Front IP65 (with NEMA panel), Back IP20
Enclosure	: Engineering Plastic
Panel Cutout (WxH)	: 192mm × 138mm
Dimension	: 204mm × 145mm × 33.8mm
Weight	: About 560g

Wiring Definition



Power Terminal (Pin1~Pin3 from left to right)



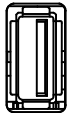
Pin1	FG
Pin2	0V
Pin3	DC 24V

USB Slave



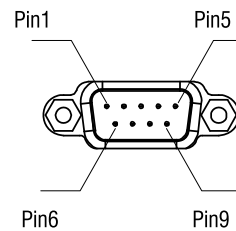
Micro USB	Used to download programs and debug
-----------	-------------------------------------

USB Host

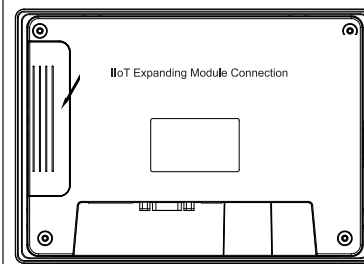


USB Type A	Used to connect U disk, scan code gun and other peripherals
------------	---

DB9 Serial Terminal



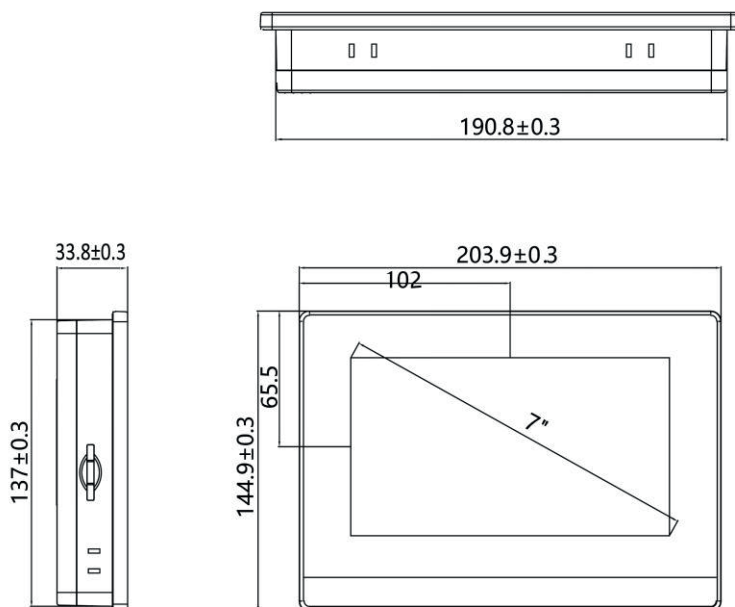
Pin1	Rx-(B)
Pin2	RxD (COM1 RS232)
Pin3	TxD (COM1 RS232)
Pin4	Tx-
Pin5	GND
Pin6	Rx + (A)
Pin7	RxD (COM3 RS232)
Pin8	TxD (COM3 RS232)
Pin9	Tx +



Expansion module card slot

Support module:
FLink-2G,
FLink-4G, FLink-WiFi

Dimensions & Panel Cutout



Panel Cutout (W*H):

192*138(+1.5mm/-0.0mm)