ig Series IoT HMI

ig IoT HMI, create for the Internet of Things



Device Management

- Multi-device management
- Multi-authority account



Alarm Notification

- Alarm SMS push(4G models)
- Upload and download alarm records



Remote Maintenance

- Sync data to cloud
- Remote access
- WVPN pass-through
- Remote debug



System Integration

- Cloud SCADA
- Big screen display
- Equipment connection



PI9150ig(N) High Definition IoT HMI

Aluminium Alloy Panel



High-definition

Wide Viewing Angle

Big Screen

More convenient operation
Display in high-definition and high quality



1920×1080

Aluminium Alloy Panel

Strong anti-interference, excellent heat dissipation
Anti-corrosion, and high temperature resistance



4-core CPU

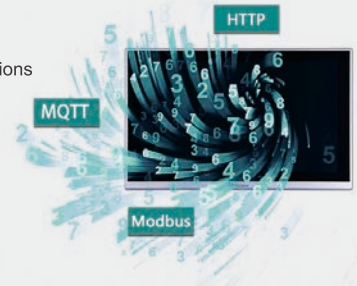
With Cortex A55 high performance processor
PI8150ig has powerful operation processing capability



Complete IoT Functions

MQTT cloud protocol and database server connection
Supported more powerful IoT functions

- Real-time Monitoring Points: 500
- Alarm Monitoring Points: 300
- History Monitoring Points: 200
- History Storage: 120 days / 1 millions



ig SPECIFICATIONS

High-End HMI





Model	PI9102ig	PI9150ig(N)

Item		Specifications	
CPU		High Performance CPU	
Touch Screen		Resistive	
Display	Screen Size	10.1Inch	15.6 Inch
	Resolutio n	1024*600	1920*1080
	Brightnes s	350cd/㎡	350cd/㎡
	Backlight Type	LED	
	Backlight Life	50,000 Hours	
Storage	Flash	8GB	
	RAM	2GB	
	SD Card	N/A	YES (TF Card)
I/O Port	USB	USB Host: 2.0 x 1; USB Device: Type-C 2.0 x1 (cannot be used at the same time)	
	Serial Port	Type 1: COM1(RS232), COM1(RS485), COM1(RS485), Isolation Type 2: COM1(RS232), COM1(RS422), COM1(RS485), Isolation	Type 1: COM1(RS232), COM1(RS485), COM1(RS485) Type 2: COM1(RS232), COM1(RS422), COM1(RS485)
	Ethernet	1* Ethernet port	2* Ethernet ports
	4G/WIFI Module	Optional	
Permanent Calendar		Built-in	
Power	Power Supply	24V DC（18~28V DC）	
	Power Consumption	＜15W	
	Isolation	YES	N/A
Dimension	Enclosure	Plastic+ABS（Polycarbonate）	Aluminum + Metal + ABS（Polycarbonate）
	Dimension(mm)	272.0W*191.7H*41.5D	403.0W*252.7H*35.2D
	Mountin g Size(mm)	260.0W*179.0H	394.0W*244.0H
	Net Weight (KG)	1.05	2.7
Environment	Protectio n	IP65 (Front panel)	
	Temperature	Storage:-20°C~70°C	Storage:-20°C~60°C
		Working: -10°C~55°C	Working: 0°C~50°C
	Humidity	10 ~ 90%RH (Non-condensing)	
	Vibration	10 ~ 25 Hz (X, Y, Z direction 2G/30 minutes)	
CE Certification		CE Marked	
FCC Certification		FCC Class A	
Programmin g Software		PI Studio	
Software	IoT Service (optional)	Real-time Monitoring Points: 500	
		Alarm Monitoring Points: 300	
		History Monitoring Points:200	
		History Storage: 120 days / 1 millions	
	VPN Pass-through	YES	