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



ig SPECIFICATIONS

IoT & Basic HMI



Model	PI3070ig	PI3070ig-O-H

Item		Specifications	
CPU		High Performance CPU	
Touch Screen		Resistive	
Display	Screen Size	7 Inch	7 Inch
	Resolution	800*480	1024*600
	Brightness	250 cd/㎡	250 cd/㎡
	Backlight Type	LED	
	Backlight Life	50,000 Hours	
Storage	Flash	128MB	
	RAM	128MB	
	SD Card	YES	
I/O Port	USB	USB Host：USB 2.0 x 1；USB Client： USB 2.0 x 1 （cannot be used at the same time）	
	Serial Port	Type 1: COM1(RS232), COM1(RS485), COM1(RS485)	
		Type 2: COM1(RS232), COM1(RS422), COM1(RS485)	
	Ethernet	YES	
	CAN	N/A	
	4G/WIFI Module	Optional	N/A
Permanent Calendar		Built-in	
Power	Power Supply	24V DC (12~28V DC)	
	Power Consumption	<8W	
Dimension	Enclosure	Plastic+ABS （Polycarbonate）	
	Dimension(mm)	201.2W*147.2H*39.0D	
	Mounting Size(mm)	192.0W*138.0H	
	Net Weight (KG)	0.52	
Environment	Protection	IP65 (Front panel)	
	Temperature	Storage: -20℃~70℃	
		Working: -10℃~55℃	
	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	
Programming Software		PI Studio	
Software	IoT Service (optional)	Real-time Monitoring Points: 100	N/A
		Alarm Monitoring Points: 20	N/A
		History Monitoring Points: 50	N/A
		History Storage: 60 days / 1 millions	N/A
	VPN Pass-through	YES	N/A

ig SPECIFICATIONS

IoT & Basic HMI



Model	PI3101ig(N)	PI3102ig	PI3102ig-O-H

Item		Specifications		
CPU		High Performance CPU		
Touch Screen		Resistive		
Display	Screen Size	10.1 Inch		
	Resolution	1024*600		
	Brightness	350 cd/㎡		
	Backlight Type	LED		
	Backlight Life	50,000 Hours		
Storage	Flash	128MB		
	RAM	128MB		
	SD Card	YES		
I/O Port	USB	USB Type-C 2.0 x 1 Device: USB2.0 x 1	USB Host：USB 2.0 x 1；USB Client：USB 2.0 x 1 (cannot be used at the same time)	
	Serial Port	Type 1: COM1(RS232), COM1(RS485), COM1(RS485)		
		Type 2: COM1(RS232), COM1(RS422), COM1(RS485)		
	Ethernet	2 * Ethernet Ports	1* Ethernet Port	1 * Ethernet Port
	CAN	N/A		
	4G/WIFI Module	Optional	Optional	N/A
Permanent Calendar		Built-in		
Power	Power Supply	24V DC (12~28V DC)		
	Power Consumption	<10W		
Dimension	Enclosure	Plastic+ABS（Polycarbonate）		
	Dimension(mm)	271.0W*214.0H*41.5D	272.0W*191.0H*41.5D	272.0W*191.0H*41.5D
	Mounting Size(mm)	259.0W*202.0H	260.0W*179.0H	260.0W*179.0H
	Net Weight (KG)	1.26	1.02	1.02
Environment	Protection	IP65 (Front panel)		
	Temperature	Storage: -20℃~70℃		
		Working: -10℃~55℃		
	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		
Programming Software		PI Studio		
Software	IoT Service (optional)	Real-time Monitoring Points: 100		N/A
		Alarm Monitoring Points: 20		N/A
		History Monitoring Points: 50		N/A
		History Storage: 60 days / 1 millions		N/A
	VPN Pass-through	YES		N/A