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 HMI







Model	PI8043ig	PI8070ig	PI8070ig(N)	PI8101ig(N)

Item		Specifications		
CPU		High Performance CPU		
Touch Screen		Resistive		
Display	Screen Size	4.3 Inch	7 Inch	10.1 Inch
	Resolution	480*272	800*480	1024*600
	Brightness	300 cd/㎡	250 cd/㎡	350 cd/㎡
	Backlight Type	LED		
	Backlight Life	50,000 Hours		
Storage	Flash	4GB		
	RAM	512MB		
	SD Card	N/A	YES	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)	USB Host: 2.0 x 1; USB Client: USB 2.0 x 1 (cannot be used at the same time)	USB Host: 2.0 x 1; USB Device: Type-C 2.0 x1
	Serial Port	Type 1: COM1(RS232), COM1(RS485), COM1(RS485)		
		Type 2: COM1(RS232), COM1(RS422), COM1(RS485)		
	Ethernet	1* Ethernet port	2* Ethernet ports	
	CAN	N/A		
	4G/WIFI Module	Optional		
Permanent Calendar		Built-in		
Power	Power Supply	24V DC (12~28V DC)		
	Power Consumption	<8W		<10W
Dimension	Enclosure	Plastic+ABS（Polycarbonate）		
	Dimension(mm)	142.0W*86.0H*30.5D	201.2W*147.2H*39.0D	271.0W*214.0H*41.5D
	Mounting Size(mm)	131.0W*76.5H	192.0W*138.0H	259.0W*202.0H
	Net Weight (KG)	0.39	0.52	1.26
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: 300		
		Alarm Monitoring Points: 200		
		History Monitoring Points: 100		
		History Storage: 120 days / 1 millions		
	VPN Pass-through	YES		

ig SPECIFICATIONS

IoT HMI







Model	PI8102ig	PI8121ig(N)	PI8150ig	PI8150ig(N)

Item		Specifications			
CPU		High Performance CPU			
Touch Screen		Resistive			
Display	Screen Size	10.1 Inch	12.1 Inch	15.6 Inch	15 Inch
	Resolution	1024*600	1024*768	1920*1080	1024*768
	Brightness	350 cd/㎡	500 cd/㎡	250 cd/㎡	300 cd/㎡
	Backlight Type	LED			
	Backlight Life	50,000 Hours			
Storage	Flash	4GB			
	RAM	512MB			
	SD Card	N/A	YES (TF Card)		
I/O Port	USB	USB Host: 2.0 x 1; USB Client: USB 2.0 x 1 (cannot be used at the same time)	USB Host: 2.0 x 1; USB Device: Type-C 2.0 x1	USB Host: 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	1* Ethernet port	2* Ethernet ports	1* Ethernet port	2* Ethernet ports
	CAN	N/A			
	4G/WIFI Module	Optional			
Permanent Calendar		Built-in			
Power	Power Supply	24V DC (12~28V DC)	24V DC (18~28V DC)		
	Power Consumption	<10W	<15W		
Dimension	Enclosure	Plastic+ABS (Polycarbonate)	Aluminum + Metal + ABS (Polycarbonate)		
	Dimension(mm)	272.0W*191.0H*41.5D	316.0W*239.0H*40.2D	403.0W*253.0H*35.2D	362.0W*90.0H*40.8D
	Mounting Size(mm)	260.0W*179.0H	303.0W*226.0H	394.0W*244.0H	352.0W*279.0H
	Net Weight (KG)	1.02	2.46		
Environment	Protection	IP65 (Front panel)			
	Temperature	Storage: -20℃~70℃		Storage: -20℃~60℃	Storage: -20℃~70℃
		Working: -10℃~55℃		Working: 0℃~50℃	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: 300			
		Alarm Monitoring Points: 200			
		History Monitoring Points: 100			
		History Storage: 120 days / 1 millions			
	VPN Pass-through	YES			