

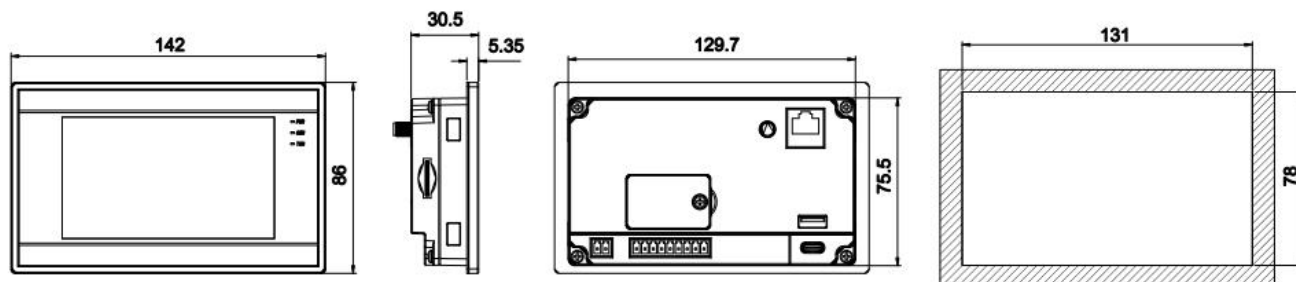
Model	V-Net Functions								MQTT	Lua Script	LAN Monitoring	4G / WIFI
	Realtime Data	Alarm Data	History Data	APP & Remote Control	Remote Update HMI	WVPN	Cloud SCADA	Pass-through				
PI8043ig	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	X
PI8043ig(G)	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	4G
PI8043ig(W)	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	WIFI

SPECIFICATIONS

Main Display	Processor	Cortex A35
	Size	4.3"
	Resolution	480*272
	Brightness (cd/m2)	300
	Backlight	LED
Storage	Backlight Lifetime	50,000 hours
	Touch Panel	High precision four-wire resistive
	Memory	512MB
	Flash	4GB
	SD Card Slot	--
RTC	USB Port	USB2.0 Host or USB2.0 Type-C (Can not use at the same time)
	Real-time clock	Yes
I/O Port	Calendar	Yes
	COM1	CN1:RS422/RS485 CN2:RS232 CN3:RS485
	COM2	--
	COM3	--
	Ethernet	x1
Power	CANopen	--
	Rated Power	< 8W
	Power Voltage	DC 24V
	Input range	DC 12 ~ 28V
Enclosure	Shell Color	Grey
	Shell Material	Plastic+ABS(Polycarbonate)
	Overall Size (mm)	142.0W*86.0H*30.5D
	Mounting Size (mm)	131.0W*78.0H
	Mounting Method	Panel Mount
Environment	Weight (Kg)	0.39
	Working Temperature	-10 ~ 55°C
	Storage Temperature	-20 ~ 70°C
	Humidity	10 ~ 90% RH (Non-condensing)
	Vibration Resistance	10 ~ 25 Hz (X, Y, Z direction 2G/30 minutes)
Software	Cooling	Air Cooling
	Programming	PI Studio
	Remote Access	YES
	Email Alarm	YES
	IP Camera	YES
	Audio Output	--
	Video Player	--
Certificates	Data Tool	Yes
	IP Code	IP65 (Front panel)
	CE	CE Marked
	FCC	FCC Class A



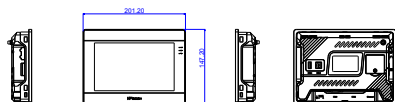
Unit : mm , error range: ±0.5mm



Model	V-Net Functions								MQTT	Lua Script	LAN Monitoring	4G / WIFI
	Realtime Data	Alarm Data	History Data	APP & Remote Control	Remote Update HMI	WVPN	Cloud SCADA	Pass-through				
PI3070ig	X	X	X	✓	✓	✓	X	Serial	✓	✓	✓	X
PI3070ig (G)	X	X	X	✓	✓	✓	X	Serial	✓	✓	✓	4G
PI3070ig (AG)	X	X	X	✓	✓	✓	X	Serial	✓	✓	✓	4G(global)
PI3070ig (W)	X	X	X	✓	✓	✓	X	Serial	✓	✓	✓	WIFI
PI3070ig-C	100	20	50	✓	✓	✓	✓	Serial	✓	✓	✓	X
PI3070ig-C(G)	100	20	50	✓	✓	✓	✓	Serial	✓	✓	✓	4G
PI3070ig-C(AG)	100	20	50	✓	✓	✓	✓	Serial	✓	✓	✓	4G(global)
PI3070ig-C(W)	100	20	50	✓	✓	✓	✓	Serial	✓	✓	✓	WIFI
PI3070ig-CH(W)	100	20	50	✓	✓	✓	✓	Serial	✓	✓	✓	WIFI
PI3070ig-O	X	X	X	X	X	X	X	X	X	✓	✓	X

SPECIFICATIONS

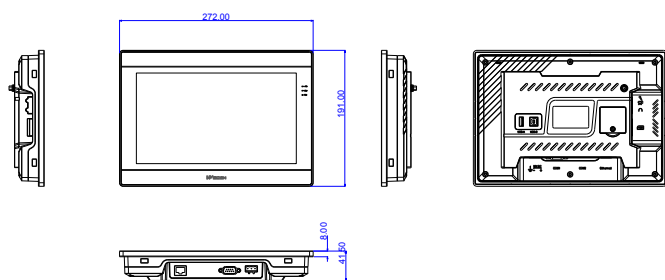
Main Display	Processor	Cortex A35
	Size	7"
	Screen	TFT
	Resolution	800*480 1024*800 for model PI3070ig-CH(W)
	Brightness (cd/m2)	250
	Backlight	LED
	Backlight Lifetime	50,000 hours
	Touch Panel	High precision four-wire resistive
Storage	Memory	128 MB
	Flash	128 MB
	SD Card Slot	YES
	USB Port	USB2.0 Host + USB2.0 Client (Could not use at the same time)
RTC	Real-time clock	Yes
	Calendar	Yes
I/O Port	COM1	CN1:RS422/RS485 CN2:RS232 CN3:RS485
	COM2	--
	COM3	--
	Ethernet	x1
	CANopen	--
	Rated Power	< 8W
Power	Power Voltage	DC 24V
	Input range	DC 12 ~ 28V
Enclosure	Shell Color	Grey
	Shell Material	Plastic+ABS(Polycarbonate)
	Overall Size (mm)	201.2W*147.2H*39.0D
	Mounting Size (mm)	192.0W*138.0H
	Mounting Method	Panel Mount
	Weight (Kg)	0.52
Environment	Working Temperature	-10 ~ 55°C
	Storage Temperature	-20 ~ 70°C
	Humidity	10 ~ 90%RH (Non-condensing)
	Vibration Resistance	10 ~ 25 Hz (X, Y, Z direction 2G/30 minutes)
	Cooling	Air Cooling
	Programming	PI Studio
Software	Remote Access	YES
	Email Alarm	YES
	IP Camera	--
	Audio Output	--
	Video Player	--
	Data Tool	Yes
Certificates	IP Code	IP65 (Front panel)
	CE	CE Marked
	FCC	FCC Class A



Model	V-Net Functions								MQTT	Lua Script	LAN Monitoring	4G / WIFI
	Realtime Data	Alarm Data	History Data	APP & Remote Control	Remote Update HMI	WVPN	Cloud SCADA	Pass-through				
PI3102ig	X	X	X	✓	✓	✓	X	Serial	✓	✓	✓	X
PI3102ig (G)	X	X	X	✓	✓	✓	X	Serial	✓	✓	✓	4G
PI3102ig (AG)	X	X	X	✓	✓	✓	X	Serial	✓	✓	✓	4G(global)
PI3102ig (W)	X	X	X	✓	✓	✓	X	Serial	✓	✓	✓	WIFI
PI3102ig-C	100	20	50	✓	✓	✓	✓	Serial	✓	✓	✓	X
PI3102ig-C(G)	100	20	50	✓	✓	✓	✓	Serial	✓	✓	✓	4G
PI3102ig-C(AG)	100	20	50	✓	✓	✓	✓	Serial	✓	✓	✓	4G(global)
PI3102ig-C(W)	100	20	50	✓	✓	✓	✓	Serial	✓	✓	✓	WIFI
PI3102ig-O	X	X	X	X	X	X	X	X	X	✓	✓	X

SPECIFICATIONS

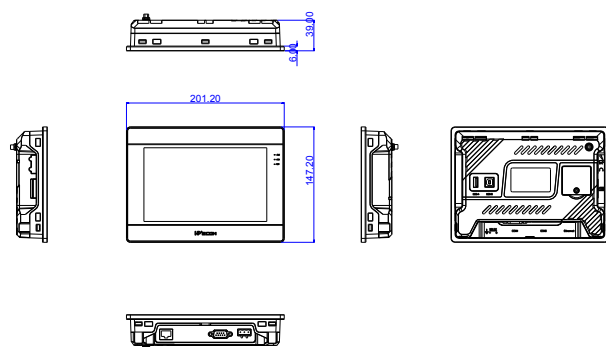
Main Display	Processor	Cortex A35
	Size	10.1"
	Screen	TFT
	Resolution	1024*600
	Brightness (cd/m2)	350
	Backlight	LED
	Backlight Lifetime	50,000 hours
	Touch Panel	High precision four-wire resistive
Storage	Memory	128 MB
	Flash	128 MB
	SD Card Slot	YES
	USB Port	USB2.0 Host + USB2.0 Client (Could not use at the same time)
RTC	Real-time clock	Yes
	Calendar	Yes
I/O Port	COM1	CN1:RS422/RS485 CN2:RS232 CN3:RS485
	COM2	--
	COM3	--
	Ethernet	x1
	CANopen	--
Power	Rated Power	< 10W
	Power Voltage	DC 24V
	Input range	DC 12 ~ 28V
Enclosure	Shell Color	Grey
	Shell Material	Plastic+ABS(Polycarbonate)
	Overall Size (mm)	272.0W*191.0H*41.5D
	Mounting Size (mm)	260.0W*179.0H
Environment	Mounting Method	Panel Mount
	Weight (Kg)	1.02
	Working Temperature	-10 ~ 55°C
	Storage Temperature	-20 ~ 70°C
	Humidity	10 ~ 90% RH (Non-condensing)
Software	Vibration Resistance	10 ~ 25 Hz (X, Y, Z direction 2G/30 minutes)
	Cooling	Air Cooling
	Programming	PI Studio
	Remote Access	YES
	Email Alarm	YES
	IP Camera	--
	Audio Output	--
Certificates	Video Player	--
	Data Tool	Yes
	IP Code	IP65 (Front panel)
	CE	CE Marked
	FCC	FCC Class A



Model	V-Net Functions								MQTT	Lua Script	LAN Monitoring	4G / WIFI
	Realtime Data	Alarm Data	History Data	APP & Remote Control	Remote Update HMI	WVPN	Cloud SCADA	Pass-through				
PI8070ig	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	X

SPECIFICATIONS

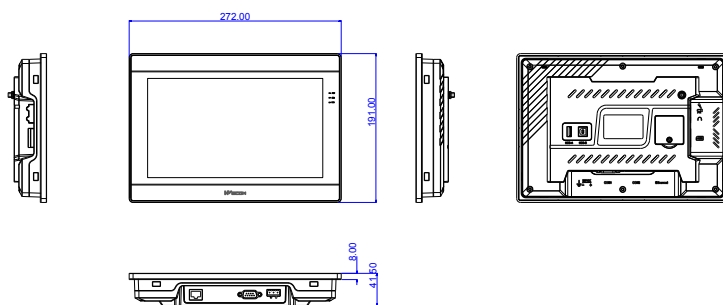
Main Display	Processor	High Performance CPU
	Size	7"
	Screen	TFT
	Resolution	800*480
	Brightness (cd/m2)	250
	Backlight	LED
	Backlight Lifetime	50,000 hours
Storage	Touch Panel	High precision four-wire resistive
	Memory	512 MB
	Flash	4 GB
	SD Card Slot	YES
	USB Port	USB2.0 Host + USB2.0 Client (Could not use at the same time)
RTC	Real-time clock	Yes
	Calendar	Yes
I/O Port	COM1	CN1:RS422/RS485 CN2:RS232 CN3:RS485
	COM2	--
	COM3	--
	Ethernet	x1
	CANopen	--
Power	Rated Power	< 10W
	Power Voltage	DC 24V
	Input range	DC 12 ~ 28V
Enclosure	Shell Color	Grey
	Shell Material	Plastic+ABS(Polycarbonate)
	Overall Size (mm)	201.2W*147.2H*39.0D
	Mounting Size (mm)	192.0W*138.0H
	Mounting Method	Panel Mount
Environment	Weight (Kg)	0.52
	Working Temperature	-10 ~ 55°C
	Storage Temperature	-20 ~ 70°C
	Humidity	10 ~ 90% RH (Non-condensing)
	Vibration Resistance	10 ~ 25 Hz (X, Y, Z direction 2G/30 minutes)
Software	Cooling	Air Cooling
	Programming	PI Studio
	Remote Access	YES
	Email Alarm	YES
	IP Camera	--
	Audio Output	--
	Video Player	--
Certificates	Data Tool	Yes
	IP Code	IP65 (Front panel)
	CE	CE Marked
	FCC	FCC Class A



Model	V-Net Functions								MQTT	Lua Script	LAN Monitoring	4G / WIFI
	Realtime Data	Alarm Data	History Data	APP & Remote Control	Remote Update HMI	WVPN	Cloud SCADA	Pass-through				
PI8102ig	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	X
PI8102ig (G)	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	4G
PI8102ig (W)	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	WIFI

SPECIFICATIONS

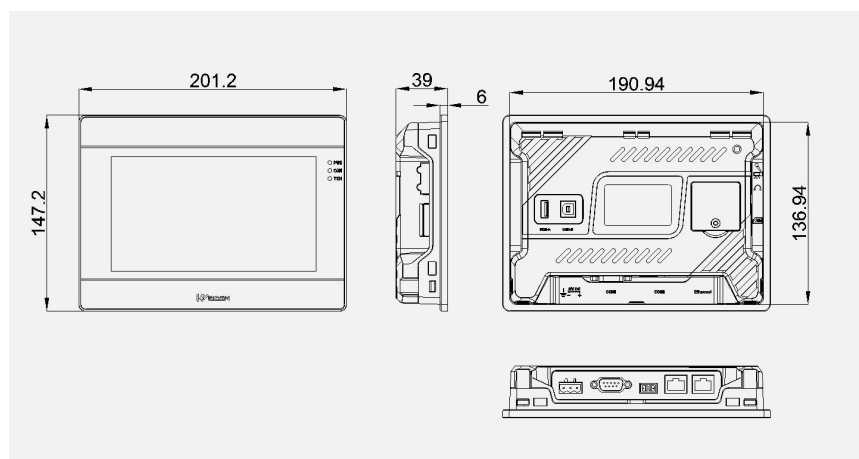
Main Display	Processor	High Performance CPU
	Size	10.1"
	Screen	TFT
	Resolution	1024*600
	Brightness (cd/m2)	350
	Backlight	LED
	Backlight Lifetime	50,000 hours
Storage	Touch Panel	High precision four-wire resistive
	Memory	512 MB
	Flash	4 GB
	SD Card Slot	YES
	USB Port	USB2.0 Host + USB2.0 Client (Could not use at the same time)
RTC	Real-time clock	Yes
	Calendar	Yes
I/O Port	COM1	CN1:RS422/RS485 CN2:RS232 CN3:RS485
	COM2	--
	COM3	--
	Ethernet	x1
	CANopen	--
Power	Rated Power	< 10W
	Power Voltage	DC 24V
	Input range	DC 12 ~ 28V
	Shell Color	Grey
Enclosure	Shell Material	Plastic+ABS(Polycarbonate)
	Overall Size (mm)	272.0W*191.0H*41.5D
	Mounting Size (mm)	260.0W*179.0H
	Mounting Method	Panel Mount
	Weight (Kg)	1.02
Environment	Working Temperature	-10 ~ 55°C
	Storage Temperature	-20 ~ 70°C
	Humidity	10 ~ 90% RH (Non-condensing)
	Vibration Resistance	10 ~ 25 Hz (X, Y, Z direction 2G/30 minutes)
Software	Cooling	Air Cooling
	Programming	PI Studio
	Remote Access	YES
	Email Alarm	YES
	IP Camera	--
	Audio Output	--
	Video Player	--
	Data Tool	Yes
Certificates	IP Code	IP65 (Front panel)
	CE	CE Marked
	FCC	FCC Class A



Model	V-Net Functions								MQTT	Lua Script	LAN Monitoring	4G / WIFI
	Realtime Data	Alarm Data	History Data	APP & Remote Control	Remote Update HMI	WVPN	Cloud SCADA	Pass-through				
PI8070ig(N)	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	X

SPECIFICATIONS

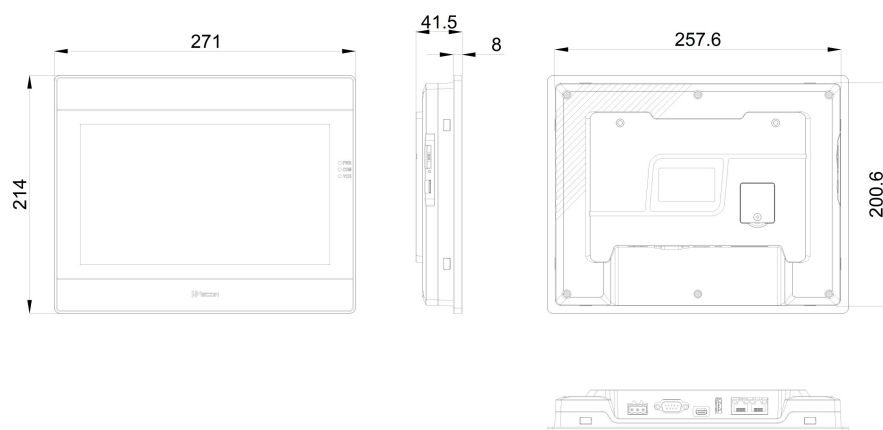
Main	Processor	High Performance CPU
Display	Size	7"
	Screen	TFT
	Resolution	800*480
	Brightness (cd/m2)	400
	Backlight	LED
Storage	Backlight Lifetime	50,000 hours
	Touch Panel	High precision four-wire resistive
	Memory	512 MB
	Flash	4 GB
	SD Card Slot	YES
RTC	USB Port	USB Host : USB2.0 x1 USB Client: USB2.0 x1
	Real-time clock	Yes
	Calendar	Yes
I/O Port	COM1	CN1:RS422/RS485 CN2:RS232 CN3:RS485
	COM2	--
	COM3	--
	Ethernet	X2
	CANopen	--
	Rated Power	< 10W
	Power Voltage	DC 24V
	Input range	DC 12 ~ 28V
	Shell Color	Grey
	Shell Material	Plastic+ABS(Polycarbonate)
Enclosure	Overall Size (mm)	201.2W*147.2H*39.0D
	Mounting Size (mm)	192.0W*138.0H
	Mounting Method	Panel Mount
	Weight (Kg)	0.52
Environment	Working Temperature	-10 ~ 55°C
	Storage Temperature	-20 ~ 70°C
	Humidity	10 ~ 90% RH (Non-condensing)
	Vibration Resistance	10 ~ 25 Hz (X, Y, Z direction 2G/30 minutes)
Software	Cooling	Air Cooling
	Programming	PI Studio
	Remote Access	YES
	Email Alarm	YES
	IP Camera	--
	Audio Output	--
	Video Player	--
	Data Tool	Yes
Certificates	IP Code	IP65 (Front panel)
	CE	CE Marked
	FCC	FCC Class A



Model	V-Net Functions								MQTT	Lua Script	LAN Monitoring	4G / WIFI
	Realtime Data	Alarm Data	History Data	APP & Remote Control	Remote Update HMI	WVPN	Cloud SCADA	Pass-through				
PI8101ig(N)	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	X

SPECIFICATIONS

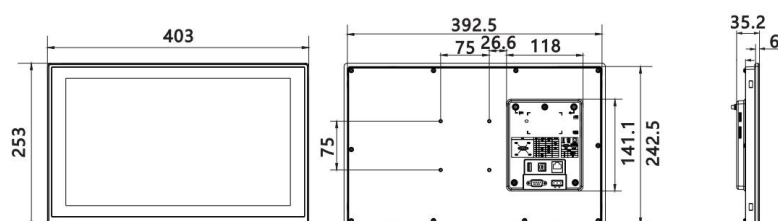
Main Display	Processor	High Performance CPU
	Size	10.1"
	Screen	TFT
	Resolution	1024*600
	Brightness (cd/m2)	400
	Backlight	LED
	Backlight Lifetime	50,000 hours
Storage	Touch Panel	High precision four-wire resistive
	Memory	512 MB
	Flash	4 GB
	SD Card Slot	YES (TF)
	USB Port	USB Host : USB2.0 x1 USB Device: USB Type-C 2.0 x1
RTC	Real-time clock	Yes
	Calendar	Yes
I/O Port	COM1	CN1:RS422/RS485 CN2:RS232 CN3:RS485
	COM2	--
	COM3	--
	Ethernet	X2
	CANopen	--
	Rated Power	< 10W
	Power Voltage	DC 24V
Power	Input range	DC 12 ~ 28V
	Shell Color	Grey
	Shell Material	Plastic+ABS(Polycarbonate)
	Overall Size (mm)	272.0W*214.0H*41.5D
	Mounting Size (mm)	257.6W*200.6H
	Mounting Method	Panel Mount
	Weight (Kg)	1.02
Environment	Working Temperature	-10 ~ 55°C
	Storage Temperature	-20 ~ 70°C
	Humidity	10 ~ 90% RH (Non-condensing)
	Vibration Resistance	10 ~ 25 Hz (X, Y, Z direction 2G/30 minutes)
Software	Cooling	Air Cooling
	Programming	PI Studio
	Remote Access	YES
	Email Alarm	YES
	IP Camera	--
	Audio Output	--
	Video Player	--
Certificates	Data Tool	Yes
	IP Code	IP65 (Front panel)
	CE	CE Marked
	FCC	FCC Class A



Model	V-Net Functions								MQTT	Lua Script	LAN Monitoring	4G / WIFI
	Realtime Data	Alarm Data	History Data	APP & Remote Control	Remote Update HMI	WVPN	Cloud SCADA	Pass-through				
PI8150ig	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	X
PI8150ig(G)	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	4G
PI8150ig(AG)	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	4G(global)
PI8150ig(W)	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	WIFI
PI8150ig(WG)	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	Both

SPECIFICATIONS

Main Display	Processor	Cortex A35
	Size	15"
	Screen	TFT
	Resolution	1920*1080
	Brightness (cd/m2)	250
	Backlight	LED
Storage	Backlight Lifetime	50,000 hours
	Touch Panel	High precision four-wire resistive
	Memory	512 MB
	Flash	4G
	SD Card Slot	YES(TF) (Could not use at the same time)
RTC	USB Port	USB2.0 Host + USB2.0 Client
	Real-time clock	Yes
	Calendar	Yes
I/O Port	COM1	CN1:RS422/RS485 CN2:RS232 CN3:RS485
	COM2	--
	COM3	--
	Ethernet	x1
	CANopen	--
Power	Rated Power	< 15W
	Power Voltage	DC 24V
	Input range	DC 18~ 28V
	Shell Color	Silvery
Enclosure	Shell Material	Aluminum + Metal + ABS(Polycarbonate)
	Overall Size (mm)	403.0W*253.0H*35.2D
	Mounting Size (mm)	394.0W*244.0H
	Mounting Method	Panel Mount
	Weight (Kg)	2.46
Environment	Working Temperature	0 ~ 50°C
	Storage Temperature	-20 ~ 60°C
	Humidity	10 ~ 90% RH (Non-condensing)
	Vibration Resistance	10 ~ 25 Hz (X, Y, Z direction 2G/30 minutes)
	Cooling	Air Cooling
Software	Programming	PI Studio
	Remote Access	YES
	Email Alarm	YES
	IP Camera	YES
	Audio Output	--
	Video Player	--
	Data Tool	Yes
Certificates	IP Code	IP65 (Front panel)
	CE	CE Marked
	FCC	FCC Class A



Model	V-Net Functions								MQTT	Lua Script	LAN Monitoring	4G / WIFI
	Realtime Data	Alarm Data	History Data	APP & Remote Control	Remote Update HMI	WVPN	Cloud SCADA	Pass-through				
PI8150ig(NWG)	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	Both

SPECIFICATIONS

Main Display	Processor	Cortex A35
	Size	15"
	Screen	TFT
	Resolution	1920*1080
	Brightness (cd/m2)	250
	Backlight	LED
	Backlight Lifetime	50,000 hours
Storage	Touch Panel	High precision four-wire resistive
	Memory	512 MB
	Flash	4G
	SD Card Slot	YES
	USB Port	USB2.0 Host + USB2.0 Client (Could not use at the same time)
RTC	Real-time clock	Yes
	Calendar	Yes
I/O Port	COM1	CN1:RS422/RS485 CN2:RS232 CN3:RS485
	COM2	--
	COM3	--
	Ethernet	X2
	CANopen	--
Power	Rated Power	< 15W
	Power Voltage	DC 24V
	Input range	DC 18~ 28V
Enclosure	Shell Color	Silvery
	Shell Material	Aluminum + Metal + ABS(Polycarbonate)
	Overall Size (mm)	403.0W*253.0H*35.2D
	Mounting Size (mm)	394.0W*244.0H
	Mounting Method	Panel Mount
Environment	Weight (Kg)	2.46
	Working Temperature	0 ~ 50°C
	Storage Temperature	-20 ~ 60°C
	Humidity	10 ~ 90% RH (Non-condensing)
	Vibration Resistance	10 ~ 25 Hz (X, Y, Z direction 2G/30 minutes)
Software	Cooling	Air Cooling
	Programming	PI Studio
	Remote Access	YES
	Email Alarm	YES
	IP Camera	YES
	Audio Output	--
	Video Player	--
Certificates	Data Tool	Yes
	IP Code	IP65 (Front panel)
	CE	CE Marked
	FCC	FCC Class A

