

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				
PI8121ig(N)	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	X
PI8121ig(NWG)	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	Both

SPECIFICATIONS

Main Display	Processor	High Performance CPU
	Size	12"
	Screen	TFT
	Resolution	1024*768
	Brightness (cd/m2)	500
	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: USB2.0 x1
RTC	Real-time clock	Yes
	Calendar	Yes
I/O Port	COM1	CN1:RS422/RS485 CN2:RS232 CN3:RS485
	COM2	--
	COM3	--
	Ethernet	10/100 Base-T x2
	CANopen	--
	Rated Power	< 18W
	Power Voltage	DC 24V
	Input range	DC 18 ~ 28V
	Shell Color	Silvery
	Shell Material	Aluminum + Metal + ABS(Polycarbonate)
Enclosure	Overall Size (mm)	316.0W*239.0H*40.2D
	Mounting Size (mm)	303.0W*226.0H
	Mounting Method	Panel Mount
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



Unit:mm

