

Model	V-Net Functions								MQTT	Lua Script	LAN Monitoring	4G / WIFI
	Real time Data	Alarm Data	History Data	APP & Remote Control	Remote Update HMI	WVPN	Cloud SCADA	Pass-through				
PI9102ig	500	300	200	✓	✓	✓	✓	Serial	✓	✓	✓	X
PI9102ig(W)	500	300	200	✓	✓	✓	✓	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
	Touch Panel	High precision four-wire resistive
Storage	Memory	2GB
	Flash	8GB
	SD Card Slot	YES
	USB Port	USB2.0 Host + USB-C 2.0 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	< 15W
	Power Voltage	DC 24V
	Input range	DC 12 ~ 28V
	Shell Color	Grey
Enclosure	Shell Material	Plastic+ABS(Polycarbonate)
	Overall Size (mm)	272.0W*191.7H*41.5D
	Mounting Size (mm)	260.0W*179.0H
	Mounting Method	Panel Mount
	Weight (Kg)	1.05
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
Software	Programming	PI Studio
	Remote Access	YES
	Email Alarm	YES
	IP Camera	YES
	Web Browser	YES
	Video Player	YES
	Data Tool	YES
	IP Code	IP65 (Front panel)
Certificates	CE	CE Marked
	FCC	FCC Class A

