

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
PI8102ig-O	X	X	X	X	X	X	X	X	X	✓	✓	X

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
I/O Port	Calendar	Yes
	COM1	CN1:RS422/RS485 CN2:RS232 CN3:RS485
	COM2	--
	COM3	--
	Ethernet	x1
	CANopen	--
	Power	Rated Power
Enclosure	Power Voltage	DC 24V
	Input range	DC 12 ~ 28V
	Shell Color	Grey
	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
Environment	Weight (Kg)	1.02
	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

