

Model	V-Net Functions								Open Cloud Mode	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-O	X	X	X	✓	✓	✓	X	Serial	✓	✓	✓	✓	X

## SPECIFICATIONS

Main	OS	Linux 4.4.0 QT based	
Display	Processor	Cortex A35 1.2GHz	
	Size	10.1"	
	Screen	TFT	
	Resolution	1024*600	
	Color	16,000k colors	
	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	
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	
	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	

