

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

