

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				
PI8151ig(N)	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	X

SPECIFICATIONS

Main Display	Processor	High Performance CPU
	Size	15"
	Screen	TFT
	Resolution	1024*768
	Brightness (cd/m2)	300
	Backlight	LED
	Backlight Lifetime	50,000 hours
	Touch Panel	High precision four-wire resistive
Storage	Memory	512 MB
	Flash	4G
	SD Card Slot	YES(TF)
	USB Port	USB2.0 Host + USB2.0 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	X2
	CANopen	--
	Power	
Power	Rated Power	< 15W
	Power Voltage	DC 24V
	Input range	DC 18~ 28V
Enclosure	Shell Color	Silvery
	Shell Material	Aluminum alloy, Metal + ABS(Polycarbonate)
	Overall Size (mm)	362.0W*290.0H*40.8D
	Mounting Size (mm)	352.0W*279.0H
	Mounting Method	Panel Mount
	Weight (Kg)	2.46
Environment	Working Temperature	0 ~ 50°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	PIStudio
	Remote Access	YES
	Email Alarm	YES
	IP Camera	YES
	Audio Output	--
	Video Player	YES
Certificates	IP Code	IP65 (Front panel)
	CE	CE Marked
	FCC	FCC Class A

