

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					
PI3070ig	X	X	X	✓	✓	✓	X	Serial	✓	✓	✓	✓	X
PI3070ig (G)	X	X	X	✓	✓	✓	X	Serial	✓	✓	✓	✓	4G
PI3070ig (AG)	X	X	X	✓	✓	✓	X	Serial	✓	✓	✓	✓	4G(global)
PI3070ig (W)	X	X	X	✓	✓	✓	X	Serial	✓	✓	✓	✓	WIFI
PI3070ig-C	100	20	50	✓	✓	✓	✓	Serial	✓	✓	✓	✓	X
PI3070ig-C(G)	100	20	50	✓	✓	✓	✓	Serial	✓	✓	✓	✓	4G
PI3070ig-C(AG)	100	20	50	✓	✓	✓	✓	Serial	✓	✓	✓	✓	4G(global)
PI3070ig-C (W)	100	20	50	✓	✓	✓	✓	Serial	✓	✓	✓	✓	WIFI
PI3070ig-O	X	X	X	X	X	X	X	X	X	X	✓	✓	X

SPECIFICATIONS

Main	OS	Linux 4.4.0 QT based
Display	Processor	Cortex A35 1.2GHz
	Size	7"
	Screen	TFT
	Resolution	800*480
	Color	16,000k colors
	Brightness (cd/m2)	250
	Backlight	LED
	Backlight Lifetime	50,000 hours
	Touch Panel	High precision four-wire resistive
Storage	Memory	128 MB
	Flash	128 MB
	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	< 8W
	Power Voltage	DC 24V
	Input range	DC 12 ~ 28V
	Shell Color	Grey
Enclosure	Shell Material	Plastic+ABS(Polycarbonate)
	Overall Size (mm)	201.2W*147.2H*39.0D
	Mounting Size (mm)	192.0W*138.0H
	Mounting Method	Panel Mount
	Weight (Kg)	0.52
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	--
	IP Camera	--
	Audio Output	--
	Video Player	--
Certificates	Data Tool	Yes
	IP Code	IP65 (Front panel)
	CE	CE Marked
	FCC	FCC Class A

