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PI3070ig HMI

- ◆ CPU A35 1.2GHz, 128M Flash, 128M DDRAM
- ◆ Display: 7 inches; Resolution: 800*480; Display color: 16,000k colors
- ◆ Interfaces: a serial port. COM1: RS232, RS422 or RS485(choose one of two), RS485.
- ◆ USB interfaces: USB Host/USB Client
- ◆ Remote monitoring and WVPN through download.
- ◆ 3070ig-C supports related functions of V-NET, pass-through download and sync data to cloud.



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Introduction

Specification

Physical & Ele

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



Main	OS	Linux 4.4.0 QT based
	Processor	Cortex A35 1.2GHz
Display	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
Power Voltage		DC 24V
Input range		DC 12 ~ 28V
Shell Color		Grey
Enclosure	Shell Material	PC+ABS
	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	-30 ~ 70°C
	Humidity	10 ~ 90%RH (Non-condensing)
	Vibration Resistance	10 ~ 25 Hz (X, Y, Z direction 2G/30 minutes)
	Cooling	Air Cooling
Software	Programming	PIStudio
	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





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