10.1" HMI PI3102ig

CE FC ISO 9001

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				
PI3102ig	X	X	X	✓	✓	✓	X	Serial	✓	✓	✓	X
PI3102ig (G)	X	X	X	✓	✓	✓	X	Serial	✓	✓	✓	4G
PI3102ig (AG)	X	X	X	✓	✓	✓	X	Serial	✓	✓	✓	4G(global)
PI3102ig (W)	X	X	X	✓	✓	✓	X	Serial	✓	✓	✓	WIFI
PI3102ig-C	100	20	50	✓	✓	✓	✓	Serial	✓	✓	✓	X
PI3102ig-C(G)	100	20	50	✓	✓	✓	✓	Serial	✓	✓	✓	4G
PI3102ig-C(AG)	100	20	50	✓	✓	✓	✓	Serial	✓	✓	✓	4G(global)
PI3102ig-C(W)	100	20	50	✓	✓	✓	✓	Serial	✓	✓	✓	WIFI
PI3102ig-O	X	X	X	X	X	X	X	X	X	✓	✓	X

SPECIFICATIONS

Main	Processor	High Performance CPU
Display	Size	10.1"
	Screen	TFT
	Resolution	1024*600
	Brightness (cd/m2)	350
	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 (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	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)
	Cooling	Air Cooling
Software	Programming	PI Studio
	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