Human Machine Interface

10.1" HMI PI8102ig(C)

Model	V-Net Functions								MQTT	Lua Script	LAN Monitoring	4G / WIFI
	Real-time Data	*Alarm Data*	*History Data*	*APP & Remote Control*	*Remote Update HMI*	*WVPN*	*Cloud SCADA*	*Pass-through*				
PI8102ig(C)	300	200	100	✓	✓	✓	✓	Serial	✓	✓	✓	✕

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	Glass projected capacitive
Storage	Memory	512 MB
	Flash	4 GB
	SD Card Slot	YES
	USB Port	USB2.0 Host + USB 2.0 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 18 ~ 28V
	Shell Color	Black
Enclosure	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
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	PIStudio
	Remote Access	YES
	Email Alarm	YES
	IP Camera	YES
	Audio Output	--
	Media Player	YES
	Data Tool	YES
Certificates	IP Code	IP65 (Front panel)
	CE	CE Marked
	FCC	FCC Class A











