



IloT Gateway

EPG-004S

SPECIFICATIONS:

Hardware	CPU	Quad-Core Arm Processor
	NPU	1 TOPS
	Storage	32GB EMMC (SSD Upgradable + Micro SD)
	RAM	2GB
	RTC	Real Time Clock
	Wireless	LTE Cat4 (Optional), WiFi & Bluetooth (Optional), LorRaWAN (Optional)
	LAN	1 x Gigabit Ethernet, 1 x Fast Ethernet
	USB	2 x USB
	OS	Ubuntu
	RS485	3 x RS485
	RS232	1 x RS232
	HDMI	External Display via 1 x HDMI
	Electrical Parameters	Rated Voltage
Rated Power		5W
Power Protection		Anti-Static, Anti-Surge, Anti-Reverse
Certification		CE
Environmental Parameters	Operating Temperature	-20 ~80 °C
	Storage Temperature	-20 ~85 °C
	Environment Humidity	10-90%RH (Non-Condensing)
	Cooling Method	Heat Sink / Dissipation Silicone
Expandable I/O Modules	Input Slots	Digital / Analog Input x 8
	Output Slots	Digital / Analog Output x 8
	Expansion Limit	Up to 128 Modules
Software Parameters	Ops	Support remote configuration/Upgrade/Management
	VPN	Support intranet penetration, PLC remote upload and download
	Edge Computing	Support Drag & Drop, Zero-Code and JavaScript development
	Data Storage	Support TSDB (Time Series Databases)
	Pre-installed Software	Node-RED, SCADash (Web SCADA), Grafana
	Network Protocol	MQTT / HTTP / TCP/ UDP / WEBSOCKET
	Industrial Agreement	Support multiple industrial protocols

