EPITHOS
Optimizing Industry

IIoT Gateway
EPG-001S

SPECIFICATIONS:

	CPU	32 bit Tri-Core Arm Processor
	Pre-installed OS	OS: Linux Kernel 6.10, Ubuntu Linux 24.04
	RAM	512 MB
	Storage	16GB
	Serial Ports	Isolation 2 x RS485
	Cellular	Optional
Hardware	WIFI	Optional
	Bluetooth	Optional
	Ethernet Ports	2 x Fast Ethernet
	LoraWAN	Optional
	USB	2 x USB 2.0
	Cellular module Slots	1 x mPCIe slot for Cellular module, Mini SIM (25mm*15mm)
Electrical Parameters	Input Voltage	9 ~ 36 VDC
	Power Consumption	Working Mode: 5 W, Peak Power: <10 W
Environmental Parameters	Ambient Relative Humidity	5 to 95% (non-condensing)
	Operating Temperature	-20 to 70°C
	Storage Temperature	-40 to 85°C
Mechanical Parameters	Size	75 × 125 × 30mm
	Weight	350 g
	Housing	IP30 Metal
	Ops	Support remote configuration/Upgrade/Management
	VPN	Support intranet penetration
	Edge Computing	Support Drag & Drop, Zero-Code and JavaScript development
Software Parameters	Data Storage	Support TSDB (Time Series Databases)
	Industrial Agreement	Support multiple industrial protocols
	Network Protocol	MQTT / HTTP / TCP/ UDP / WEBSOCKET