



## IIoT Gateway EPG-001B SPECIFICATIONS:

Hardware	CPU	32 bit Single-Core Arm Processor
	NPU	0.5 Tops
	VPU	3072*1728 (5M) @30fps H.265 / H.264 video encoding, 16M@60FPS snapshot
	Image Processor	Third generation ISP, 5M30FPS / (Optional 8M15FPS) 2F HDR/3NDR/WDR
	Pre-installed OS	Kernel Linux 5.10, Ubuntu Linux 22.04 OS
	RAM	256 MB
	Storage	8GB
	Serial Ports	Isolation 1 x RS-232 , 1 x RS485
	Cellular	Optional
	WIFI	Optional
	Bluetooth	Optional
	Ethernet Ports	1 x Fast Ethernet
	Cellular module Slots	1 x mPCIe slot for Cellular module, Mini SIM (25mm*15mm)
	USB	1 x USB 2.0
LoRa	Optional	
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	94 ×70 ×33mm
	Weight	350 g
	Housing	IP30 Metal
Software Parameters	Ops	Support remote configuration/Upgrade/Management
	VPN	Support intranet penetration
	Edge Computing	Support Drag & Drop, Zero-Code and JavaScript development
	Data Storage	Support TSDB (Time Series Databases)
	Industrial Agreement	Support multiple industrial protocols
	Network Protocol	MQTT / HTTP / TCP/ UDP / WEBSOCKET

