



## IIoT Gateway EPG-004 SPECIFICATIONS:

Hardware	CPU	Broadcom BCM2711, Quad-core A72 (ARM v8)@ 1.5 GHz	
	Memory	2GB (1GB/4GB/8GB optional) LPDDR4	
	FLASH	8GB (16GB/32GB optional) eMMC	
Network & Interface	Ethernet	Gigabit Ethernet x 1, (1-WAN or 1-LAN Configurable)	
	Cellular	Lora WAN	
	Wi-Fi	Dual Band 2.4GHz & 5GHz + Bluetooth 5.0	
	GPS	Cellular Module built-in supported (Optional)	
	SIM		1.8 V/3 V; drawer-type Nano card holder × 1
			15KV ESD Protection
	Antenna	4G: SMA x 1, WiFi/Buletooth: SMA x 1	
	Industrial Serial Port		RS-232 x 1, RS-485 x 1;
			RS-232: TXD, RXD, GND; RS-485: A, B, GND; ESD protection: 15KV
	I/O		2-channel digital input DI
			2-channel digital/pulse output DO
	USB		USB 2.0 x 2 for peripherals,
			USB-C x 1 for Console
	HDMI		HDMI 2.0 x 1, (Up to 4kp60 video & audio output)
Additional drive		1 x M.2 socket with 2280 NVME SSD support	
		Standalone Watchdog timer	
Power	Power supply	Wide Range Voltages 9~36V DC/1A	
	Power consumption	Less than 10 W (system)	
Mechanical features	Protection	IP20	
	Housing	Aluminum Heatsink (DIN-rail, wall mounting)	
	Dimensions (cm)	124mm x 76mm x 35mm	
	Operating temperature	-25 ~ 70°C (industrial grade)	
	Certification	CE	
Software	Applications	Modbus RTU, VPN, Router, Firewall, Media Player, Python, Node-RED, Docker	
	Network Protocol	Modbus RTU/TCP, Siemens, OPC UA, HTTP, MQTT, ARP, QoS, SNMP, Telnet, SSH	



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