

# LINK Gateway

## Multi-Protocol Energy Management Solution

### Description

The LINK M2M Gateway enables simple and flexible integration across various energy & automation protocols. LINK enables consolidated connectivity and inter-operable communication via the Ebm-Papst cloud-based EOS (Energy Operating System) or open API. The result is quicker deployments and unprecedented collaboration between various systems and technologies including:

- IoT
- Smart Metering
- Energy Management
- Automation
- Renewable Energy
- Energy Storage
- Building Management
- Smart Grid (ADR)
- and more!

The LINK Gateway is fully expandable and possesses native plug & play wireless-mesh connectivity to all Ebm-Papst devices, for seamless on-site deployments.



### Technical Specs

Weight:	~200 g
Processor:	ARM Cortex-A8
Power consumption:	2 W
RAM:	512MB DDR3
Storage:	4GB on-board flash

#### Wireless

Range:	5.1 KM LoS
Band:	2.4 GHz
Transfer Rate:	3.4 mbps
Security:	AES 128

#### Communication

##### Standard

- Ethernet
- USB
- Mini USB
- Micro SD
- IEEE 802.15.4
- LTE

##### Optional

- RS232
- RS485
- CANbus
- Wifi
- Bluetooth
- Zigbee
- 6LoWPAN
- LoRa
- EnOcean
- and more!

#### Certifications

- CE
- FCC
- CSA
- UL

#### Protocols

- BACnet
- LonWorks
- KNX/EIB
- Modbus
- M-Bus
- oBIX
- OPC
- SNMP
- and more!

#### Operating System

- Linux