

Gateway/Controller BSC-Pro LTE



Features

The gateway/controller BSC-Pro LTE is a smart building system control center and IoT gateway for battery-free, encrypted EnOcean wireless systems. The controller enables both stand-alone operation and system networking with IP-based IoT solutions. For the BSC-Pro LTE, we have added the RUT241 LTE router to the EG122SN IoT controller, enabling it to be used in many other applications and offers unprecedented reliability thanks to automatic switching between LAN and LTE.

Technical Specifications

IoT Controller:	EG122SN
Mobile Router:	RUT241
Radio Interface:	EnOcean 3.0 certified, 868 MHz
Supported Profiles:	EnOcean EEP v3.1, EnOcean Security v2.6
Antenna:	external, SMA Connector
Connectivity:	LAN 10/100Mbit Ethernet, WLAN 802.11 b/g/n 2.4GHz, 2G, 3G, 4G LTE (Cat 4)
IoT Interfaces:	MQTT, REST, MS Azure, AWS
Power Supply:	PoE IEEE802.3af/at
Power Consumption:	max. 15W
Dimensions (LxWxH), Weight:	200mm x 200mm x 70mm



Delivery Scope

- BSC-Pro LTE with wall mounting Kit
- PoE power supply
- Antennas for EnOcean (FA250) , WiFi and Mobile

Accessories

Ext. EnOcean antenna with 2,5m cable	FA250
Item No.:	30000550

Order Information

Gateway/Controller BSC-Pro LTE

Product:	EG122SN-LTE
Item No.:	77249
EAN:	4260152862499
Color:	white

Packaging:	Single Box
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IoT Software BSC-Pro

The system solution for realizing EnOcean-based automation solutions for sustainable buildings, smart cities and Industrial IoT. Installed on gateway/controller BSC-Pro.

Features

Operating system for setting up a networkable, bi-directional and encrypted EnOcean wireless infrastructure

- Support of EnOcean EEP v3.1, encryption according to EnOcean Security v2.6
- Rights management for user accounts
- IP gateway system scaling via EnOcean MQTT
- Extensive export functions with bidirectional access to the configured devices:
Web Export, REST API, MQTT Client, Microsoft Azure, Amazon AWS.

Easy Commissioning

- Plug & Play device pairing for most EnOcean devices
- Web interface for easy commissioning
- Via setup templates it is possible to configure the gateway in advance. Self-created templates can be used to minimize the setup effort per device.

Comprehensive automation and control functions

- Individually configurable lighting and control scenarios
- Control of heating and cooling devices
- Logic links between devices
- Time-based device control (incl. dynamic sunrise and sunset)

Safe and user-friendly operating options

- Encrypted remote access from smartphones and desktop systems
- Voice control of devices via Amazon Alexa
- Monitoring and alerting capabilities for devices
- Push and email notifications
- Optimized for edge and cloud solutions