Datasheet

Building Controller BSC-Connect

Features

The Building Controller BSC-Connect is a smart building system control center and IoT gateway with integrated database for battery-less EnOcean wireless systems. The edge controller enables both stand-alone operation and system networking with IP-based IoT solutions. The tamper-proof application software BSC-Connect is installed on the gateway and supports encrypted communication via the EnOcean wireless standard as well as via TCP/IP and up to 5 clients.

Technical Specifications

Radio Interface: .... EnOcean 3.0 certified, 868 MHz
    Supported Profiles: .... EnOcean EEP v3.1, EnOcean Security v2.6
    Antenna: .... external, SMA Connector
Connectivity: .... Ethernet RJ45 1GB LAN, WLAN 2,4GHz 802.11ac
CPU, Memory: .... Intel Processor, 4GB RAM, 120GB SSD
Peripheral Interfaces: ....2 x USB2, 1 x USB3, HDMI
Power Supply: .... ext. Power Supply 100-240VAC, 12VDC
    Power Consumption: ....max. 11W at 12VDC
Dimensions (LxWxH), Weight: ....199 x 180 x 39mm, appr. 1,1kg

Delivery Scope

EG199SN incl. SW BSC-Connect, power supply, ext. antennas EnOcean and WLAN, 2m RJ45 network cable, short manual

Accessories (optional)

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

Order Information

Controller BSC-Connect

Product: EG199SN
Item No.: 77230
  EAN:................................4260152862307
  Color:........................ black, optional white

Packaging:........................... Single Box

IoT-Software BSC-Connect

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
- Aruba EnOcean access point support
- Integrated automatic and manual data backup

Easy Commissioning

- Plug & Play device pairing for most EnOcean devices
- Web interface for easy commissioning

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
- Automation solution for BSC-Connect gateways and system controllers