

### **Description of EnOcean to BACnet IP Gateway:**

The EO-BAC-IP ensures wireless and bidirectional communication between EnOcean and BACnet IP communication protocols. It enables to save element's data to BACnet objects and provide their information via BACnet network to other devices connected to network or superior control system. The EO-BAC-IP Gateway is widely compatible and manages to converse raw data to specific values. It is administered via integrated web server or application EO-BAC-Tool and powered through PoE (power over ethernet) or an external AC/DC power supply. It also works as a repeater and is prepared for mounting in suspended ceilings of buildings. The LED's flashing can be switched off not to disrupt space that requires it. When installing in control cabinet or for spaces with higher attenuation of signal, the SMA M antenna can be replaced for external antenna with a 2 m long cable and magnetic base (must be ordered). In case of customer request we are able to supply in 902 MHz version.

### **Technical details:**

- Network technology: BACnet IP.
- Radio technology: EnOcean.
- Frequency: 868 MHz.
- Antenna: transmitting/receiving antenna with SMA M connector.
- Data transmission: bidirectional.
- Repeater: yes.
- Function: option to switch off the LED lights.
- Declaration of conformity: EMC for residential buildings and industrial environment.
- Power supply: PoE (power over ethernet) or 10-32V DC or 24V AC ( $\pm 10\%$ ).
- Power consumption: 80 mA/24V.
- Protection (IP): IP20.
- Electrical connection: terminal block, max. 2,5 mm<sup>2</sup>.
- Ambient condition: -20...+70°C, max. 80% rH non-condensing.
- Enclosure: ABS, white.
- Weight: 115g, without antenna.
- Dimensions: Width-126 mm, Height-71 mm, Depth-25 mm, without antenna.
- Mounting: suspended ceilings of buildings or underceiling spaces.
- Administration: integrated web interface or application EO-BAC Tool.
- Compatibility: open product for different EnOcean elements and manufacturers.
- Delivery content: antenna SMA M for 868 MHz frequency, 2x plastic anchors Ø6mm, Phillips screws 3,5x 30mm, quick installation guide, USB cable USB 2.0, USB A, USB B.

