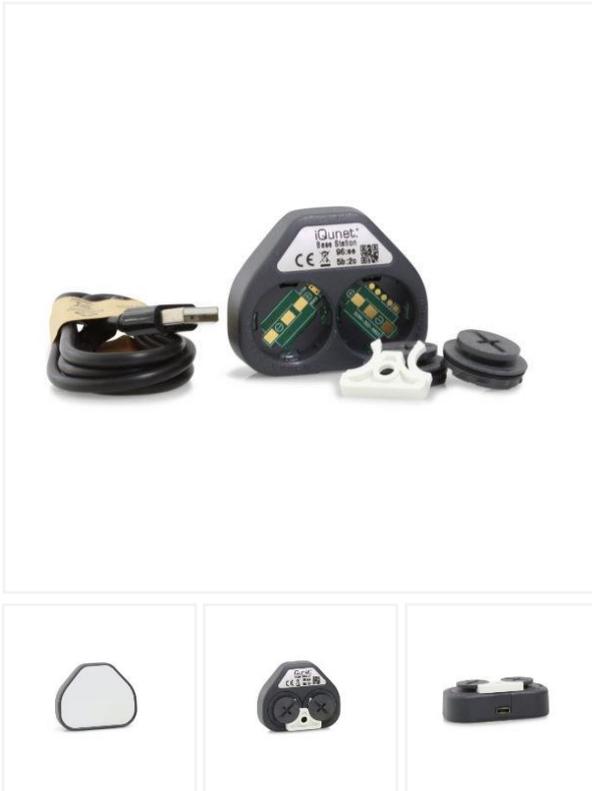


DATASHEET



USB Powered Wireless Base Station



SKU: IBAS169110-USB-ETH

Category: Network Components

Description

Industrial USB Powered Wireless Base Station

The Base Station is the center node of the iQunet wireless sensor network. It can serve virtually an unlimited number of sensor nodes and/or Repeaters. It is powered via a standard micro USB connection (USB cable included) from the iQunet small format DIN-Rail Server (not included). The Base Station can easily be attached to the wall or cabinet with the related clips.

Used in: required central iQunet network node for setting up the iQunet wireless network.

Technical specifications

- **Physical:**
 - **Dimensions (mm):** 57 x 47 x 14
 - **Weight:** 35g
 - **Case material:** thermoplastic
- **Installation:** clips (mounted to wall or cabinet)
- **Operating temperature:** -20°C to +70°C
- **Recommended storage temperature:** +30°C maximum
- **Certifications:**
 - CE
 - FCC
 - KC
- **Wireless communications range:** up to 50 m typically in plant (actual range depends on specific site topology and device placement)
- **Power supply:** 5V, micro USB from iQunet DIN-Rail Server
 - Standard 1m cable
 - Optional: 5m cable
 - Optional: IP67 mounting box, PC, Halogen free
- **Data connection:**
 - Via 1 m. micro USB cable (included) to iQunet DIN-Rail Server (not included)
- **Temperature sensor on board:** no
- **Compliance:**
 - RoHS: 2011/65/EU and 2015/863
 - EMC: EN 301 489-1 / EN 301 489-3
 - SPECTRUM: EN 300 220-2
868.8 Mhz, Max. EIRP < 10dBm (<10mW)