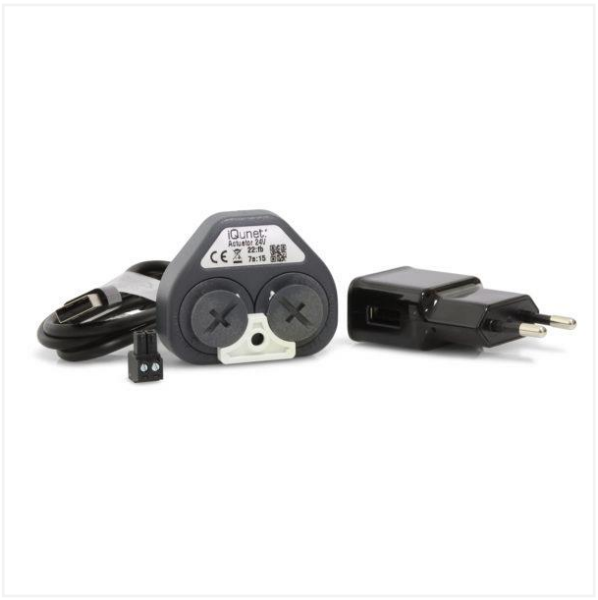
DATASHEET



USB Powered Actuator with Battery Back Up

SKU: IACT168110-USB-BAC

Category: Network Components

Description

Industrial USB Powered Wireless Actuator with Battery Back Up

When longer distances need to be bridged, the optional iQunet wireless Actuator (extender) can be used. The Actuator has a small footprint and can easily be attached to the wall with the related clips. The Actuator can connect virtually to an unlimited number of sensors and is powered via a standard micro USB connection to a USB charger (included). This way, the wireless range of iQunet sensors is more than doubled. The Actuator has also 2 standard coin cells on board acting as an UPS (Uninterruptible Power Supply) to ensure data capturing even under short main power break downs.

Compared to the Repeater the Actuator has also a **24V switching output**. If an alarm broadcast from a surrounding sensor is picked up, the iQunet Actuator can e.g. drive immediately - without computing delay - a machine PLC to switch off the machine or flash a warning light.

Used in: monitoring with iQunet wireless sensors in larger plants and/or a direct switching output is required (e.g. to drive a warning light) without delay.

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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 (CR2032 battery backup)
- **Power connection:**
  - 1 m. micro USB cable (included)
  - Quality USB charger 110V-230V, type C mains plug (included)
  - 2 x 3V (replaceable CR2032 battery) as backup
- **Temperature sensor on board:** no
- **Output:** 24V switching output
- **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)