

IPS Receiver

Art. no.:
22002012



- PoE Powered
- Up to 100m range
- Zone-based localization

IPS Receiver

The metraTec Indoor Positioning System (IPS) allows you to create a flexible localization infrastructure to track objects and persons inside buildings where cost and complexity can be adjusted to your needs. If you chose to install a stationary localization system the IPS Receivers will be the central component of your real-time localization system (RTLS).

The device is mounted at all relevant places in your building where your mobile objects or persons should be localized. The boxes scan the area for signals from our IPS Beacons and send this information to the central software via standard Ethernet. This data includes the ID of the beacon as well as the signal strength (RSSI) to give you an idea of how far the beacon is away from the receiver station. Since the communication protocol used is completely open the server software can be our IoT Engine Software Suite but also your own software/middleware.

Metratec GmbH
Niels-Bohr-Str. 5
39106 Magdeburg, Germany
T: +49 (0)391 251906-00
Mail: sales@metratec.com
www.metratec.com

US Office
Metratec USA
6 Liberty Square #2073
02109 Boston, MA, United States
T: +1 (857) 799-3795
Mail: us@metratec.com



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Technical Specification

Operating Principle	Indoor Positioning Receiver
Operating Frequency	2.45 GHz
Antenna Connector	Onboard Chip Antenna
Channels	Channel 11 - 26 supported
Supported Protocols	IEEE 802.15.4
Operating Voltage	24V DC or Power-over-Ethernet (48V DC)
Connectivity	10MBit Ethernet, ASCII Protocol
Ingress Protection	IP42
Dimensions	110 x 110 x 32 mm

About Metrattec

Metrattec develops, produces and sells Radio electronics for the areas of "Identification", "Localization", and "Communication" and thus serves a variety of markets with standard products as well special solutions. Customers include OEM customers, system integrators and research facilities worldwide.

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