

ZONITH Bluetooth Positioning Beacons

Datasheet

This datasheet provides technical information on the ZONITH Bluetooth Positioning Beacons.

Functions
Enclosure description
Size: L:112 x W:62 x H: 27 mm
Weight: 125 g
Colour: Grey
IP type: IP54
Ambient temperatures
Operating: Max: +60 ℃, Min: -30 ℃
Storage: Max: +60 °C, Min: -10 °C
Bluetooth technical data
Bluetooth 2.0 EDR
Transmission
Power: Class 1 - 100 mW (20 dBm)
Beacon type BPBi-01 has build-in antenna.
Beacon type PBPx-01 has external antenna connector SMA (male)
Coverage area (Client dependent)
Bluetooth Class 1 client: 100 meter.
Profile support
Frequency band: 2.4-2.483 GHz
Network Interface:
Standard IEEE 802.3af
Physical Layer: 10/100Base-T
Data Rate: 10/100Mbps (auto-sensing) Mode: Half-Duplex and full-duplex support (auto-sensing)
Connector: RJ-45
Power Interface
The unit can be powered over Ethernet or via external power supply.
PoE: 802.3af
Power over Ethernet (PoE) support for Midspan and for Endspan.
External Power Supply:
Nominal voltage: 5 V
Operational voltage: 4.7 – 5.5 Vdc
Power consumption: <2W
2.0 mm pin connector with plus in middle.
Light interface
LEDs: 1 green and 1 yellow
Approvals:
Contains Transmitter Module:
Bluetooth: WT11-A FCC ID: QOQWT11
AC/DC-adapter
Input voltage: 100-240 VAC
Frequency: 50–60 Hz
Output voltage: 5 V





Bluetooth Position Beacon type BPBi-01



Bluetooth Positioning Beacon Power Supply

Disclaimer

Zonith A/S makes no warranties that all functionality is supported neither by the local network nor by the selected Bluetooth devices used by the system. Specifications are subject to change without notice. All product or service names are the property of their respective owners.

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