



ZONITH BLUETOOTH POSITION BEACONS

DATASHEET

Enclosure

Size: L:112 x W:62 x H: 27 mm

Weight: 125 g

IP type: IP51

Ambient Temperatures

Operating: Max: +60 °C, Min: -30 °C

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 BPBx-01 has external antenna connector.

The external antenna connector is SMA female.

Coverage Area (Client Dependent)

Bluetooth Class 1 client: ~100 meters.

Bluetooth Class 2 client: ~20 meters

Bluetooth Class 3 client: ~5 meters

Profile Support

Frequency band: 2.4-2.483 GHz

AC/DC-Adapter

Input voltage: 100–240 VAC

Frequency: 50–60 Hz

Output voltage: 5 V

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 either 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 the middle.

Approvals

FCC: FCC Part 15B, Class A

Industry Canada: ICES-003, Class A

CE



Bluetooth Position Beacon type BPBi-01



Bluetooth Position Beacon type BPBx-01



Antenna cable connector SMA Male for connection to Beacon type BPBx-01

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.

GET in touch!

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