

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



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

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

Disclaimer

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