



ZONITH BT RECEIVER, MODEL BTR-01

DATASHEET

ENCLOSURE

Size: L:120 x W:120 x H:25 mm
IP Type: IP40
Weight: 172 g
Color: White

BLUETOOTH TECHNICAL DATA

Protocols: Bluetooth **v4.2 BR/EDR** and Bluetooth Low Energy (**BLE**)

APPROVALS

FCC, CE, IC

TRANSMITTER

Radio: Class-1, Class-2, Class-3 Transmitter
Frequency: 2.4 – 2.485 GHz
Adaptive Frequency Hopping (AFH)
Transmit Power: Min: -12dBm, Max +12dBm,
Typical: 0dBm (1mW)
Sensitivity @30.8% PER: Typ. -97dBm

RANGE

Max distance to BT Device: 15 - 20 meters
(49 – 65 feet) in open space.

MOUNTING

2 mounting holes.
Distance between mounting holes: 85mm

SCREWS

Countersunk: 3/3,5x30/35 mm
Wall Plugs: 5,0/5,5 mm

NETWORK INTERFACE

Standard IEEE 802.3af
Physical Layer: 10/100 Base-T
Data Rate: 10/100 Mbps
Connector: RJ-45

POWER INTERFACE

The unit can be powered over either Ethernet or via external power supply.

IEEE 802.3af

Power over Ethernet
(PoE) Supports
Endspan and Midspan

External Power Supply:

Screw terminal connector
Operating voltage:
6 - 12 VDC, 1.A.

Power Consumption: <3W
(No Expansion). Typical 2,2W.

AMBIENT TEMPERATURES

Operating: Max: 55 °C, Min: -10 °C
Storage: Max: 80 °C, Min: -20 °C



Screw terminal connector



Disclaimer

Environmental factors and building constructions may adversely affect the wireless signal range. Faulty home or appliance wiring could cause fire or damage the device. Devices requires constant power and constant Internet connection to function properly. Product specifications, size and shape are subject to change without notice, and actual appearance may differ from that depicted herein.

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GET in touch!

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