# ZONITH

## ZONITH BT RECEIVER, MODEL BTR-01

## DATASHEET

### ENCLOSURE

Size: L:120 x W:120 x H:25 mm
IP Type: IP54
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

### 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: <2W (No Expansion). Typical 1W.

### AMBIENT TEMPERATURES

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



Screw terminal connector