



Teldio Bluetooth Beacon – Data Sheet

Enclosure Description

Size: 4.4" x 2.45" x 1" inches
Weight: 125 g
IP Type: IP51

Ambient Temperature

Operating: 140°F to -22°F / +60°C to -30°C
Storage: 140°F to 14°F / +60°C to -10°C

Bluetooth Technical Data

Bluetooth 2.0 EDR

Transmission

Power: Class 1 - 100 mW (20 dBm)
Beacon type BPBi-01 has built-in antenna.
Beacon type BPBx-01 has external antenna connector SMA (male)

Coverage Area (Client Dependent)

Bluetooth Class 1 client: ~300 feet
Bluetooth Class 2 client: ~60 feet
Bluetooth Class 3 client: ~15 feet

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

Power over Ethernet (POE) support | PoE: 802.3af

Approvals

FCC: FCC Part 15B, Class A
Industry Canada: ICES-003, Class A

