

BBT21 RS232-Bluetooth Converter

For Industrial Scale Applications



Specifications

Radio Features:

- Bluetooth V4.2 BR/EDR
- Bluetooth Class 1, Class 2, Class 3 radio
- Transmit power: 9 dBm
- Receiver sensitivity: -94 dBm
- Range: 50 meters line-of-sight
- Exterior antenna

Interface:

- RS232C serial (Bi-directional)

Power:

- Voltage 6 VDC to 28 VDC
- Current max. 60 mA , Standby 14 mA

Environmental:

- Operating: -40 °C to +85 °C

Packaging:

- Material: ABS Plastic enclosure
- Dimensions (LxWxH): 70 x 35 x 20 mm
- IP Rating: IP30
- Optional unboxed use



BAYKON model BBT21 is a long range class 1, Bluetooth® 2.1 / RS232 Serial module. BBT21 is a highly integrated and sophisticated Bluetooth® module, containing all the necessary elements from Bluetooth® radio and a fully implemented protocol stack. Therefore BBT21 provides an ideal solution for developers who want to integrate Bluetooth® wireless technology into their design with limited knowledge of Bluetooth® and RF technologies.

BBT21 is optimized for long range applications is available with an integrated chip antenna, an RF pin for a custom on-board antenna or optional external 2dBi dipole antenna.

Typical APPLICATIONS:

- Crane Scales
- Mobile platform or bench scales
- Pallet truck scales
- Remote displays
- Special weighing systems