

# BBT1 RS232-Bluetooth Converter

For Industrial Scale Applications



## Specifications

### Radio Features:

- Bluetooth v.2.1 + EDR
- Bluetooth class 1 radio
- Transmit power: +17 dBm
- Receiver sensitivity: -86 dBm
- Range: 350 meters line-of-sight
- Integrated chip 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: IP65
- Optional unboxed use

### Management :

- Simple ASCII commands ( AT )



BAYKON model BBT1 is a long range class 1, Bluetooth® 2.1 / RS232 Serial module. BBT1 is a highly integrated and sophisticated Bluetooth® module, containing all the necessary elements from Bluetooth® radio and a fully implemented protocol stack. Therefore BBT4 provides an ideal solution for developers who want to integrate Bluetooth® wireless technology into their design with limited knowledge of Bluetooth® and RF technologies.

BBT1 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.

Users to access Bluetooth® functionality with simple ASCII commands delivered to the module over serial interface - it's just like a Bluetooth® modem.

### Typical APPLICATIONS:

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