

# 100m Class1 Bluetooth Rs232 DB9 Serial Com Port Adaptor



Bluetooth Serial Port Connector utilizes CSR Chipset and is built up to Bluetooth v1.2 standard, it eliminates your conventional RS232 serial cables, providing easy-to-use, invisible connection with superior freedom of movement. This tiny adaptor allows any device with a standard 9-pin serial adapter or other Bluetooth-enabled devices such as a laptop computer, PDA or mobile phone.

## Key Features:

- Supports Bluetooth Serial Port Profile and Generic Access Profile
- No need of external host and software
- Easy of installation and use
- Supports configuration of the local device
- Easy of maintenance
- Supports up to 100 meters (line of sight)

## Technical Specifications:

- Baud Rate: Supports 4.8/9.6/19.2/38.4/57.6/115.2/230.4/460.8kbps
- Operating range: Up to 100m
- Bluetooth Specification v1.2
- Chipset: CSR BC02-ext
- Supports Bluetooth Serial Profiles
- Baud Rate: supports 4.8, 9.6, 19.2, 38.4, 75.6, 115.2, 230.4 and 460.8kps
- Coverage: up to 100 meters (line of sight)
- Connection: point-to-point or multipoint (pico net)
- Signal: TxD, RxD, GND, CTS and RTS
- RS-232 interface: D-SUB 9 pin female
- Frequency: 2.400 to 2.4835 GHz
- Hopping: 1,600 per seconds, 1MHz channel space
- Modulation: GFSK, 1Mbps, 0.5BT gaussian
- Tx Power: Max. 18dBm (Class 1)
- Rx Sensitivity: -83dBm typical
- Antenna: Chip antenna or SMA female + external antenna (optional)
- Antenna Gain: Chip antenna max. 1 to 2dBi
- Power supply: +5 to +9V DC
- Current Consumption: Max. 140 mA
- Operation Temperature: -20C to +75C
- Dimensions: 65 x 35 x 16(mm)

## Signals:

Pin	Signal	Direction	Description
2	TxD	Output	Transmitted data
3	RxD	Input	Received data
5	GND	N/A	Signal ground
7	CTS	Input	Clear to send (Remarks)
8	RTS	Output	Request to send (Remarks)
9	Vcc	Input	Power supply

## Factory Settings:

The factory settings of COM port are as follows:

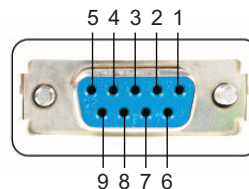
Baud rate: 19200bps

Data bit: 8

Parity: none

Stop bit: 1

Flow control: H/W or none



**Note:** AT Command Set is printed on the User Manual. You could reprogram the default settings on the adaptor using HyperTerminal.

## Package Contains:

- 1 x Bluetooth Serial Port Adaptor
- 1 x Antenna
- 1 x USB Cable power supply
- 1 x User Manual

## Remarks:

The default hardware configuration is for using CTS/RTS. If you want to use DSR/DTR, please contact us.

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