

# BT RS-232 Dongle

This BT RS-232 dongle is an ideal solution for cable replacement. It connects serial printers, serial scanners, or other device to a computer by remote up to 100 meters (300ft) away. Free to place device any where one like without modifying the environment for wire layout.

This BT RS-232 dongle can be operated with PDA, computers, laptops, and smart phones/tablets that support BT RFCOMM profile and BT generic access profile. As such, it is ideal for use in applications where a PDA or laptop could communicate with another device (SBC, RTU, sensor, robot, radio, PBX) wirelessly.

## Features

- Extremely easy to install and use.
- No need of external host and software
- Supports up to 100 meters (300ft) distance (Open space, Line of site).
- Standard BT Specification Version 2.1
- Frequency 2402 ~ 2480MHz
- Baud Rate Supports 9.6/19.2/38.4/57.6/115.2/230.4 kbps
- Modulation GFSK-1 Mbps, DQPSK-2 Mbps, and 8-DPSK-3 Mbps
- DTE/DCE mode switching
- Supports no External power requirement on condition of connecting to a host that has assigned DC5V power on the pin 9 of its DB-9 end.

## Specification

Model No.	BTS-100V1		RS-232 Pin Assignment		
Baud Rate	Supports 9.6 / 19.2 / 38.4 / 57.6 / 115.2 / 230.4 kbps				
Connector	DB-9 Male				
Standard	BT specification version 2.1				
Frequency	2402 to 2480MHz		Pin No.	DTE	DCE
Modulation	GFSK-1 Mbps, DQPSK-2 Mbps, and 8-DPSK-3 mBPS		1	x	x
LED	DTE/DCE	DTE: Blue / DCE: Green	2	RXD	TXD
	TX	Orange x 1	3	TXD	RXD
	RX	Green x 1	4	x	x
TX Power	Max.13 dBm ( Class 1 )		5	GND	GND
Rx Sensitivity	-86 dBm typical		6	x	x
Power Supply	5V DC		7	RTS	CTS
Housing	Plastic		8	CTS	RTS
Dimension ( L x W x H )	66 x 39 x 20mm		9	VCC in	VCC in

