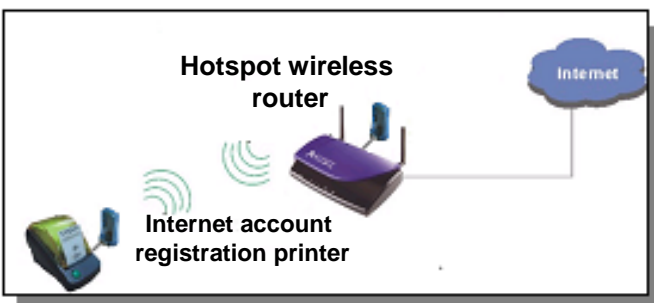




Bluetooth RS232 Adapter enables any RS232 devices with Bluetooth capability and eliminates RS232 cable connections. This unit can be configured as a Bluetooth Piconet or as a point-to-point RS232 cable replacement set. It is an ideal wireless link solution for industrial, medical and commercial applications which require freedom from cable connections. It supports SPP as a Master or a Slave.

### Application Scenario

#### Example of RS232 Cable Replacement application



#### Example of RS232 Piconet application



Bluetooth RS232 adapter

enables any RS232 devices with Bluetooth capability and eliminates RS232 cable connections.

### Features and Benefits

- No Driver Required for Non-Windows Based Communication (Client) Devices
- Configurable as an RS232 Cable Replacement Set
- Supports Class 1 Output Power Up to 100 m Operation Range
- Bluetooth SIG 1.2 Compliant
- Profile Supported: Serial Port Profile as a Master or as a Slave
- Baud Rate Supported: 1200 bps ~ 1843200 bps
- Configurable for Baud Rate, Data Bit, Parity Check, Stop Bit, RTS/CTS Flow Control, BD Address, Device Name, Control Flag, PIN Code, Watchdog Timeout, Supervision Timeout, and Peer BD Address (only used in Master)

Specifications		
<b>Model No.</b>		<b>BT5701S v2</b>
<b>Standard</b>		Bluetooth SIG 1.2
<b>Bluetooth Profile</b>		Serial Port Profile (SPP) only
<b>Baud Rate</b>		1.2k bps ~ 1843.2k bps; Default 115.2k bps
<b>Configurable Parameters</b>		Baud Rate, Data Bit, Parity Check, Stop Bit, RTS/CTS Flow Control, COM Port, Device Name, Control Flag, PIN Code, Master or Slave, Watchdog Timeout, Supervision Timeout, <b>BD Address</b>
<b>Interface</b>		RS232 DB9M connector plus DB9F-DB9F null modem adapter
<b>RF Specifications</b>	Frequency Band	2.400~2.4835 GHz unlicensed ISM band
	Spectrum	FHSS (Frequency Hopping Spread Spectrum)
	Modulation	GFSK
	Output Power	13 dBm (typical)
	Receiving Sensitivity	-82 dBm (typical)
	Power Class	Class 1
	Antenna	Internal embedded
	Range	Up to 100 m (open-air)
<b>LED Indicators</b>		Power & Connection Activities LED
<b>Power</b>		Power provided by 7.5 V / 300 mA AC-DC power adapter
<b>Physical Dimensions &amp; Environment</b>	Dimensions	78.6 x 41.2 x 32.8 mm (3.20 x 1.68 x 1.34 in.) (L x W x H)
	Weight	32 g (1.1 oz)
	Operating / Storage Temperature	0° C ~ 55° C (32° F ~ 131° F) / -20° C ~ 80° C (-4° F ~ 176° F)
Specifications change without prior notice.		

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