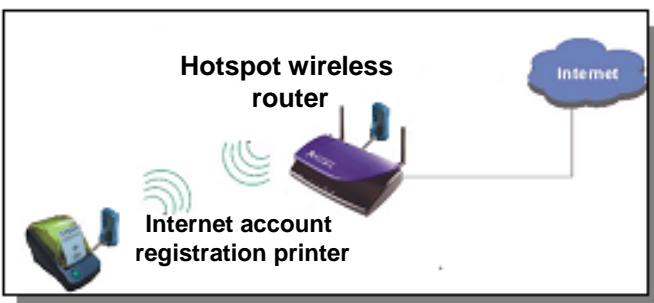




Bluetooth RS232 Adapter enables any RS232 devices with Bluetooth capability and eliminates RS232 cable connections. This unit can be configured as a Bluetooth Piconet or as a point-to-point RS232 cable replacement set. It is an ideal wireless link solution for industrial, medical and commercial applications 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		
Model No.	BT5701S v2	
Standard	Bluetooth SIG 1.2	
Bluetooth Profile	Serial Port Profile (SPP) only	
Baud Rate	1.2k bps ~ 1843.2k bps; Default 115.2k bps	
Configurable Parameters	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, BD Address	
Interface	RS232 DB9M connector plus DB9F-DB9F null modem adapter	
RF Specifications	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)
LED Indicators	Power & Connection Activities LED	
Power	Power provided by 7.5 V / 300 mA AC-DC power adapter	
Physical Dimensions & Environment	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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