

Bluetooth RS232 Adapter - Ruggedized

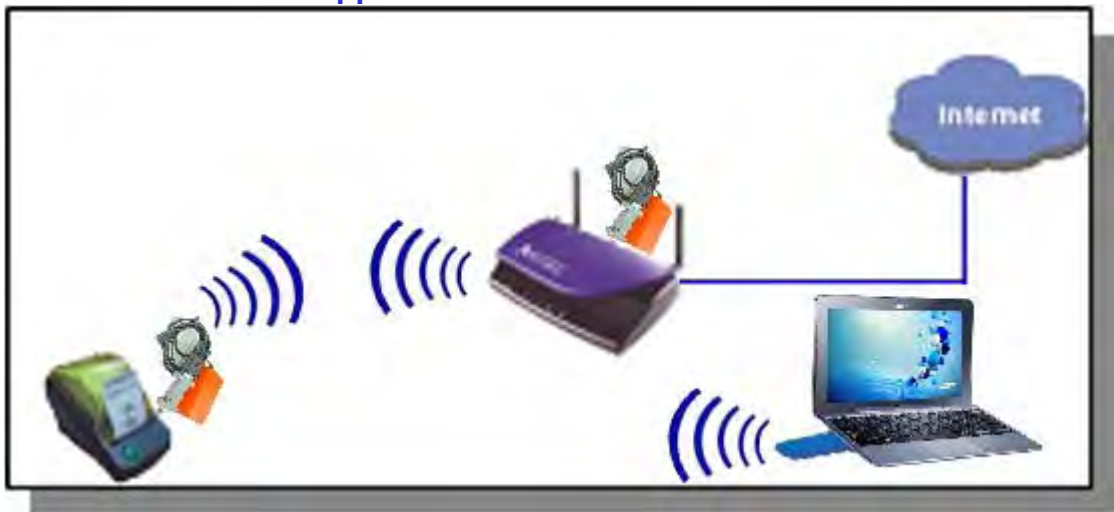
Class II

ACT-BT5701SR



ACT-BT5701SR is a ruggedized version of RS232 adapter which brings wireless Bluetooth technology to your RS232 serial equipment. With no software installation required, this Bluetooth RS232 adapter is a true Plug-n-Play solution. All you have to do is plug in this dongle to a serial RS232 equipment with DB9 connection. In addition, this unit features utility ACT-BT5701Sv2.EXE to allow you to easily configure the Master/Slave and baud rate speed with the simple utility. It is also fully compliant with Bluetooth 1.2 specifications and supports authentication and encryption.

Application Scenario



Features and Benefits

- No Driver Required for Non-Windows Based Communication (Client) Devices
- Configurable as an RS232 Cable Replacement Set
- Supports Class 2 Output Power Up to 6 m (enclosed in a ruggedized steel case)
- 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.	ACT-BT5701SR	
Standard	Bluetooth SIG 1.2	
Bluetooth Profile	Serial Port Profile (SPP) only	
Baud Rate	1.2k bps ~ 1843.2k bps; Default 9.6k 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 2
	Antenna	Internal embedded
	Range	Up to 6 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 (Steel Case)	87 x 93.5 x 22 mm (3.43 x 3.68 x 0.87 in.) (L x W x H)
	Weight	408 g (14.4 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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