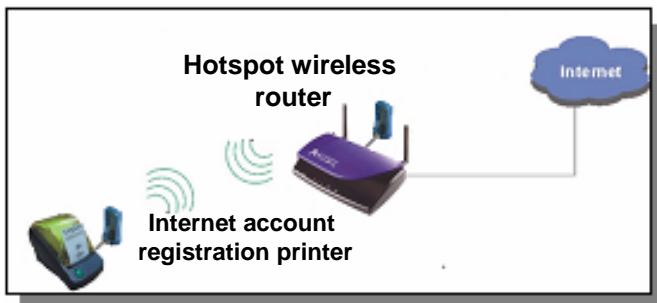




The ACTiSYS Bluetooth RS232 Adapter enables any RS232 devices with Bluetooth capability and eliminates RS232 cable connections. This unit can be configured as a Bluetooth piconet slave device or as a point-to-point RS232 cable replacement set and is an ideal wireless link solution in industrial, medical and commercial applications which require freedom from cable connections.

Application Scenario

Example of RS232 Cable Replacement application



Example of RS232 Pico-net application



The ACTiSYS Bluetooth Wireless Cable Solution 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 for Up to 100 m Operation Range
- Bluetooth SIG 1.1 Compliant
- Profile Supported: Serial Port Profile as a Master (BT5701SM) or as a Slave (BT5701S)
- Baud Rate Supported: 110 bps ~ 115200 bps
- Configurable For BD Address, Baud Rate, Device Name, Control Flag, PIN Code, Watchdog Timeout, Supervision Timeout, and Peer BD Address (only used in Master- BT5701SM)

Specifications		
Standard	Bluetooth SIG 1.1	
Bluetooth Profile	Serial Port Profile (SPP)	
Baud Rate	110 bps ~ 115200 bps	
Master or Slave	Master mode for BT5701SM ; Slave mode for BT5701S	
Configurable Parameters	Baud rate, Device Name, Control Flag, PIN Code, BD Address, Peer BD Address (Only applies to Master – BT5701SM), Watchdog Timeout, Supervision Timeout	
Interface	RS232 DSUB-9 (male) 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 LED , & Connection Activities LED	
Power	Power provided by 7.5V/300mA/AD-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.)
	Weight	32 grams
	Operating Temperature	0 °C ~ 60 °C (32 °F ~ 140 °F)

Specifications change without prior notice.