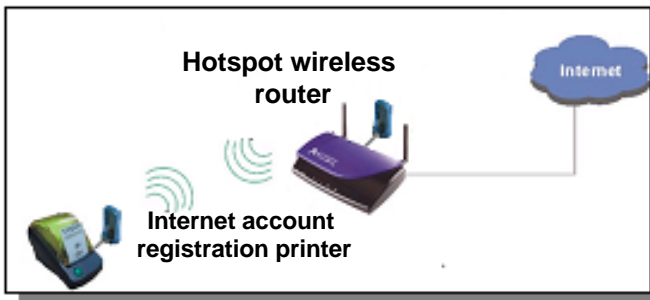




The ACTiSYS Bluetooth Wireless Cable Solution enables any RS232 devices with Bluetooth capability and eliminates RS232 cable connections with the range of up to 100m. This unit can be configured as a Bluetooth piconet slave device or as a point-to-point RS232 cable replacement set and is an ideal wireless 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 a Bluetooth Slave Device or as an RS232 Cable Replacement Set
- Supports Class 1 Output Power for Up to 100m Operation Range
- Bluetooth SIG 1.1 Compliant
- Profile Supported: Serial Port Profile
- Baud Rate Supported: 1200bps ~ 115200bps
- Configurable For Major RS232 Parameters such as Band Rage, Parity, Stop Bit, Role Type, Pin code

# Bluetooth RS232 Wireless Cable Solution

## Class I

## BT5700S

Specifications		
<b>Standard</b>	Bluetooth SIG 1.1	
<b>Bluetooth Profile</b>	Serial Port Profile (SPP)	
<b>Baud Rate</b>	1200bps ~ 115200bps	
<b>Configurable Parameters</b>	Master/Slave role, Stop bit, Parity check, Baud rate, Flow control	
<b>Interface</b>	RS232 DSUB-9 (male) connector	
<b>RF Specifications</b>	Frequency Band	2.400~2.4835GHz unlicensed ISM band
	Spectrum	FHSS (Frequency Hopping Spread Spectrum)
	Modulation	GFSK
	Output Power	13dbm (typical)
	Receiving Sensitivity	-82dbm (typical)
	Power Class	Class 1
	Antenna	Internal embedded
	Range	Up to 100m (open space)
<b>LED Indicators</b>	Power, RF Activity	
<b>Power</b>	Power provided by 5V/300mA/AD-DC power adapter	
<b>Physical Dimensions &amp; Environment</b>	Dimensions	78.6 x 41.2 x 32.8mm (3.20 x 1.68 x 1.34in.)
	Weight	32 grams
	Operating Temperature	0°C ~ 60°C (32°F ~ 140°F )
<b>Approvals</b>	CE, FCC	

Specifications change without prior notice.

### ACT-BT5701S

The Leading Expert and Total Solutions for Wireless Connectivity!

