

## Bluetooth Serial Adapters

### SS-BLT-XXX Series



Featuring Bluetooth wireless technology, the SS-BLT-100 is the ideal replacement of the standard RS-232 cable. With standard RS-232 interface, it can be easily adopted for industrial machines with RS-232 interface. It is compatible with all Bluetooth V2.0-certified and is backward compatible with v1.1/1.2 devices. You can connect between your computers (Master) and RS-232 devices (Slave) 100 meters away without cables in your working environments.

### KEY FEATURES

- SB-BLT-100: Enable two RS-232 devices to communicate via Bluetooth
- Selectable as Slave or Master mode
- Bluetooth v2.0 EDR compliant
- Bluetooth Class 1
- Up to 300 ft range
- Auto pairing without software setup
- 3.0 dBi exchangeable antenna
- SS-BLT-300: 1 port RS-232 or RS-422/485 to Bluetooth
- SS-BLT-400: 1 port RS-422/485 to Bluetooth
- SS-BLT-400: Surge protection and Built-in Terminal resistor
- 2 dBm ~ 18 dBm Class 1 RF output power
- Up to 100 m range
- Low power consumption
- Windows 98, Windows Me, Windows 2000, Windows XP and XP-64

SS-BLT-100 Specifications		SS-BLT-300/400 Specifications	
<b>Serial port</b>	<ul style="list-style-type: none"> <li>■ 1 RS-232 port</li> <li>■ DB-9 female</li> <li>■ Speed: 1200 bps ~ 115.2 Kbps</li> <li>■ Parity: None, Odd, Even</li> <li>■ Data bit: 8</li> <li>■ Stop bit: 1,2</li> <li>■ Flow control: DTR/DSR</li> <li>■ Socket Status/Control: DTR/DSR</li> <li>■ Signals: Rx,Tx,GND,RTS,CTS,DTR,DSR</li> </ul>	<b>Serial port</b>	<ul style="list-style-type: none"> <li>■ RS-232/422/485 port</li> <li>■ RS-422/485 surge &amp; built-in terminal resistor</li> <li>■ 15KV ESD for all signals</li> <li>■ Auto detection for RS-422 or RS-485 signals</li> <li>■ 1200bps ~ 115200 bps</li> <li>■ Parity: None, Odd, Even</li> <li>■ Data bit: 8</li> <li>■ Stop bit: 1 or 2</li> <li>■ DB-9 female connector</li> <li>■ Power: DC 9V-25V, 200 mA</li> </ul>
<b>Bluetooth I/O port</b>	<ul style="list-style-type: none"> <li>■ 1 Bluetooth port</li> <li>■ Compliant with Bluetooth 2.0+EDR</li> <li>■ Support Bluetooth Serial port profile(SPP)</li> <li>■ Operate in 2.4GHz – 2.483GHz ISM band</li> <li>■ Bluetooth Radio with Class 1 &amp; 2 RF</li> <li>■ Operating Distance up to 100 Meters</li> <li>■ Power:5V DC/200mA, consumption 80mA</li> </ul>	<b>Bluetooth I/O port</b>	<ul style="list-style-type: none"> <li>■ Bluetooth module: BEM001 CSR BC2 Class 1</li> <li>■ Compliant with Bluetooth 2.0+EDR</li> <li>■ Carrier frequency: 2400 to 2483.5 MHz</li> <li>■ Hopping: 1600 hops/sec., 1 MHz channel space</li> <li>■ Antenna: RSMA plug 2 dBi (optional 5 dBi)</li> <li>■ Working distance: 100 m (in open space)</li> </ul>
<b>LED indicator</b>	SYS (red), Pairing (green)	<b>LED indicator</b>	SYS (power), Pairing
<b>Operating temperature</b>	+0°C to +60°C	<b>Operating temperature</b>	+0°C to +70°C
<b>Storage temperature</b>	+25°C to +70°C	<b>Storage temperature</b>	+ -20°C to +80°C
<b>Dimensions</b>	65 x 30 x 12mm (not include antenna)	<b>Dimensions</b>	90 x 70 x 30mm (not include antenna)
<b>Weight</b>	35 g ( not include power )	<b>Weight</b>	150 g ( not include power )
<b>Warranty</b>	1 year	<b>Warranty</b>	1 year
<b>Model number</b>	SS-BLT-100: Single RS-232 unit selectable as Slave/Master SS-BLT-100PR: Pair, RS-232, Master/slave configuration	<b>Model number</b>	SS-BLT-300: Single, RS-485, selectable Master/slave SS-BLT-400: Single, programmable RS-232/422/485, Master/slave SS-BLT-300PR: Pair, RS-485, Master/slave SS-BLT-400PR: Pair, RS-232/422/485, Master/slave

# Mouser Electronics

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[SS-BLT-400PR](#)