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