

This device converts wired serial communication (RS232 or USB Virtual COM port) into wireless Bluetooth or WiFi communication. It supports Bluetooth Classic SPP in both Master and Slave modes, as well as BLE/SPP Server-Client or HID Bluetooth Keyboard functionality. In BLE/SPP mode, two paired devices can establish seamless wire-replacement communication, enabling button press and digital output control. Additionally, the device supports serial-to-WiFi communication via TCP or UDP protocols.

Note: Items marked with ** are considered special orders (minimum order required or extra charge will apply)

Part Number Assembly	Id SBW 100	Model 100	Serial Port Option X	Digital I/O Option X
			S (DB9 RS232) U (USB VCP) SU (USB VCP + DB9 RS232)	- (None) 1 (1 IN/OUT)
WiFi Network Services	UDP Server, UDP Client, TCP Server, TCP Client			
Bluetooth Services	HID Keyboard, Classic SPP, BLE SPP with DIO control			
Serial Ports	Serial RS232, USB Virtual COM or both			
Indicators	1x RGB LED			
Enclosure	ABS Black			
Dimensions	(A) 14" [360mm] (B) 3" [80mm] (C) 1.57" [40 mm]			
Power	USB or DB9/PIN9 powered			
DB9 Connection	This Device RS232 pins 2 (RX) TX 3 (TX) RX 5 (GND) GND 9 (VCC) EXT Power (+5DC to +30DC)		Your device RS232 pins	
Drawing Legend	① Digital I/O ② USB port (Virtual COM Port) ③ DB9 male connector (RS232)			

