

Serial Adapter Quick Start Guide

The Intelletto SBW100SU serial adapter converts a serial RS-232 port to a universally compatible USB port. No external power sources required, this cable converts to any USB port for PC and Mac devices. The optional WPAN version furthers compatibility to mobile devices.



Manuals are available from Rice Lake Weighing Systems at www.ricelake.com/manuals

Warranty information is available at www.ricelake.com/warranties

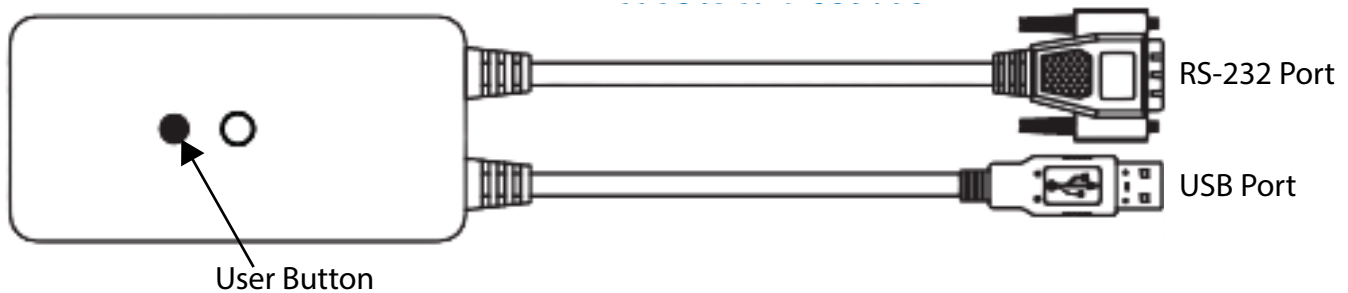


Figure 1. Intelletto SBW100SU Serial Adapter

Configuration Access

Use the following procedure to access configuration mode:

1. Plug the USB port into the laptop USB outlet.
2. Plug the RS-232 port into the indicator.



NOTE: For further instruction on RS-232 port connection, see the indicator's technical manual.

3. Press the user button for 10 seconds until the cable LED starts flashing red.
4. A new WiFi access point with an SSID named SBW100-xxxx appears. Select **Connect**.

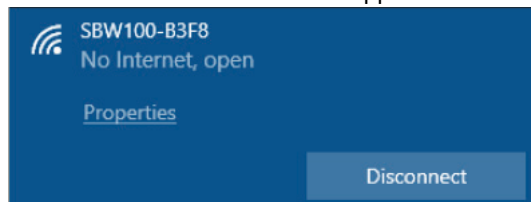


Figure 2. WiFi Connection

5. Browse IP address 10.10.10.1. Device Setup appears.

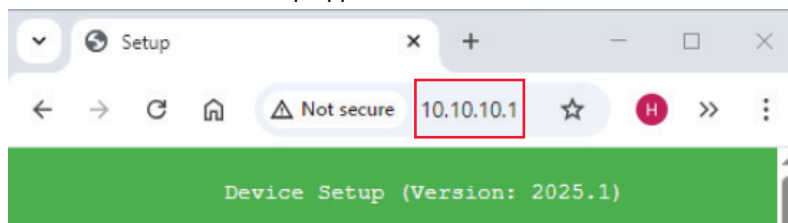


Figure 3. Device Setup IP Address

6. Configure parameters and select **Save**.

WiFi Bridge Device Setup

Device Setup (Version: 2025.1)	
Device Role	
Role	<input checked="" type="radio"/> WiFi Bridge <input type="radio"/> Bluetooth Bridge
Serial Communication Setup	
Port	USB Virtual COM ▾
Baud Rate	115200 ▾
WiFi Network	
Available Networks	<input type="radio"/> Intelletto <input type="radio"/> Intelletto <input type="radio"/> Intelletto Guest <input type="radio"/> IG_Smart_Refrigerator <input type="radio"/> BELL392 <input type="radio"/> BELL040 <input type="radio"/> Daybar2 <input checked="" type="radio"/> Intelletto <input type="radio"/> PoleUnit2210 <input type="radio"/> DIRECT-97-HP ENVY 5000 series <input type="radio"/> HP-Setup>f7-M277 LaserJet <input type="radio"/> BELL255
Network Password	No change if empty
System IP	
Address Type	<input type="radio"/> Static <input checked="" type="radio"/> Dynamic (DHCP)
Static Address	
Subnet Mask	
Gateway	
Network Service	
Service	<input type="radio"/> TCP Server <input type="radio"/> TCP Client <input type="radio"/> UDP Server <input checked="" type="radio"/> UDP Client
Port	4000
Remote IP	192.168.0.66
UDP Server Response	None ▾
<input type="button" value="Save"/> <input type="button" value="Restart"/>	

Figure 4. WiFi Bridge Device Setup Screen

WPAN Bridge Device Setup

Device Setup (Version: 2026.4)

Device Role

Role	<input type="radio"/> WiFi Bridge <input checked="" type="radio"/> Bluetooth Bridge
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Serial Communication Setup

Port	RS232 ▼
Baud Rate	115200 ▼

Bluetooth Bridge Setup

Local Address	6c:c8:40:3a:bc:7a
Broadcast Name	SBW100
Name Convention	<input type="radio"/> Text & Mac <input checked="" type="radio"/> Text Only
Bluetooth Role	<input type="radio"/> SPP Master <input type="radio"/> SPP Slave <input checked="" type="radio"/> Keyboard <input type="radio"/> BLE Server <input type="radio"/> BLE Client
Keyboard Layout	ENGLISH ▼
Pin	Not used if empty
Remote Address	

Digital Output

Output Mode	<input checked="" type="radio"/> Pulse <input type="radio"/> Toggle
Pulse Duration	100 Milliseconds

Intelletto Technologies Inc.

Figure 5. WPAN Bridge Device Setup Screen

LED Signals

LED Signal	Status
Flashing Red	Ready for configuration
Solid Red	Attempting connection to a network
Flashing Blue	Not connected to WPAN
Solid Blue	Connected to WPAN
Flashing Green	Not connected to WiFi
Solid Green	Connected to WiFi

Table 1. LED Signal Descriptions

Specifications

Power:	USB or DB9 (Pin 9), no external power supply
WiFi Network Services:	UDP Server, UDP Client, TCP Server, TCP Client
WPAN Services:	HID Keyboard, Classic SPP, BLE SPP
Serial Ports:	RS-232, USB Virtual COM
Baud Rate:	115200 (default)
Color:	Black
Indicator:	Red LED
Dimensions:	17 in (431.8 mm) x 1.57 in (39.8 mm)
Host:	PC and MAC compliant
Connection:	DB9 male connector
Pin Out:	Pin 2: RX Pin 3: TX Pin 5: Ground Pin 9: VCC



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