Universal Wireless RS232 to USB Transceiver

- Converts Any RS232 Device For Wireless Communication
- Wireless USB Interface Directly to PC
- One Wireless Receiver Module Operates Multiple Wireless Transmitter Modules
- RF Transceiver Carrier (ISM 2.4 GHz)
- RF Range: Up to 40 m (130') Indoor/Urban [Up to 120 m (400') Outdoor/Line of Sight]

Specifications

- **Wireless Transmitter**
  - Device Interface: RS232, RJ12 to DB9 connector included
  - RS232 Communication: 9600 BPS
  - RF Transmitter Carrier: ISM 2.4 GHz, direct sequence spread spectrum
  - RF Data Packet Standard: IEEE 802.15.4 open communication architecture
  - RF Power Output: 10 dBm (10 mW)

The WRS232 Series wireless transmitters allow you to convert a standard RS232 connection for wireless operation. A two-part system, the WRS232 converts a standard RS232 signal into a wireless one, while the WUSB receiver converts the wireless signal to a standard USB connection.
Using the Wireless RS232 to USB Transceiver

Supply Voltage: Direct from host instrument, through RJ12 connection or optional AC adaptor
Supply Current: 60 mA
AC Adaptor: 100 to 240 Vac, 50 to 60 Hz
Output Voltage: 9 Vdc @ 1.7 A
Output Plug (Female): Center positive, coax 2.0/5.5/10 mm

Wireless Receiver
PC Interface: USB 1.1, USB 2.0 compatible
Cable Type: USB 4P(A) male to mini 5P(B) male 1.8 m (6’) long included

RF Range:
Up to 40 m (130’): Indoor/urban
Up to 120 m (400’): Outdoor/line of sight

Operating Ambient Conditions:
0 to 50°C, 0 to 90% RH (non-condensing)
Dimensions: 70 L x 51 W x 20 mm H (2.75 x 2 x 0.80")

Accessories
Model No. | Description
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UNIV-AC-100/240 | 9 Vdc @ 1.7 A adaptor, recommended to power wireless transmitter
WRS232-MB | Mounting bracket, DIN rail

Note: Because of transmission frequency regulations, this product may only be used in the United States, Canada and Europe. Comes complete with software and operator’s manual.
Ordering Example: WRS232-USB, wireless transmitter and receiver modules, RS232 cable with RJ12 to DB9 connector, DB9 male/male connector, and USB cable.

To Order
Model No. | Description
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WRS232-USB | Wireless transmitter and receiver modules, with USB cable and connectors/adaptors
WRS232 | Wireless RS232 transceiver module, with connectors/adaptors
WUSB | Wireless USB transceiver module, with USB cable

OS533 Series handheld infrared thermometer with wireless RS232 option.

CTXL Series circular chart recorder with wireless RS232 option. For details visit omega.com/ctxl