

# Universal Wireless RS232 to USB Transceiver



WRS232-USB



WRS232 wireless transmitter.  
Optional UNIV-AC-100/240  
AC adaptor, sold separately.

Both models shown  
actual size.



WUSB  
wireless receiver.

- ✔ 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]
- ✔ RoHS 2 Compliant

**Convert RS232 to USB Wirelessly**

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.

## 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)

# 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



Wireless RS232 communication option for iSeries temperature controller.

**RF Range:**

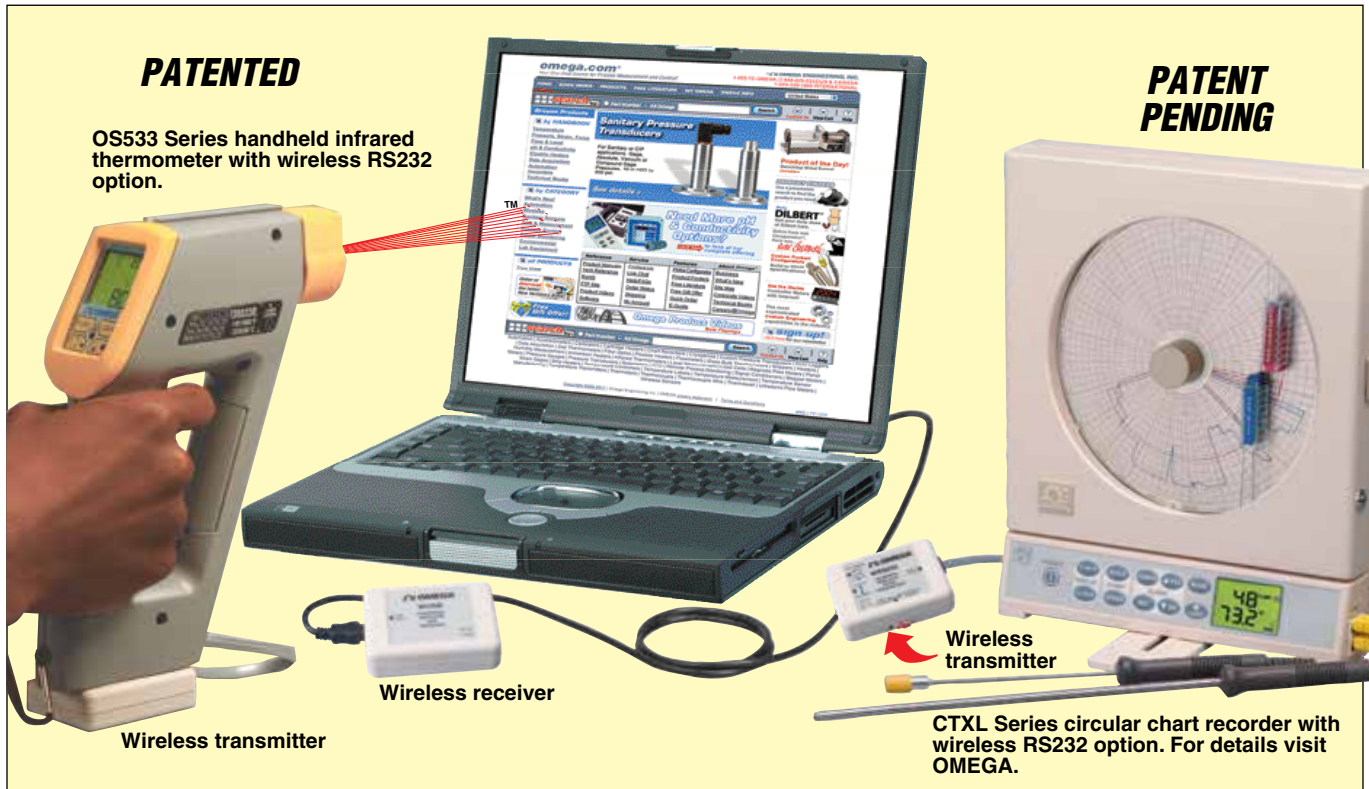
**Up to 40 m (130'):** Indoor/urban

**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")



**PATENTED**

OS533 Series handheld infrared thermometer with wireless RS232 option.

**PATENT PENDING**

Wireless transmitter

Wireless receiver

CTXL Series circular chart recorder with wireless RS232 option. For details visit OMEGA.

## To Order

Model No.	Description
<b>WRS232-USB</b>	Wireless transmitter and receiver modules, with USB cable and connectors/adaptors
<b>WRS232</b>	Wireless RS232 transceiver module, with connectors/adaptors
<b>WUSB</b>	Wireless USB transceiver module, with USB cable

## Accessories

Model No.	Description
<b>UNIV-AC-100/240</b>	9 Vdc @ 1.7 A adaptor, recommended to power wireless transmitter
<b>WRS232-MB</b>	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.