

Wavespeed/STM



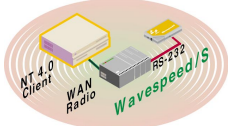
ConnectwareTM

Wireless Serial Cable Replacement and PDA Connectivity

Wavespeed/S Wireless Serial Adapters utilize BluetoothTM technology to enable secure wireless serial (RS-232) data transfer. Two Wavespeed/S adapters may be paired together to communicate between a host and barcode scanner, receipt printer, scale or other peripheral device, creating a wireless link for instant serial cable replacement. A single Wavespeed/S unit may be used in server mode to communicate with a Bluetooth-enabled serial device like a

PDA, tablet PC, PLC or WAN radio.

Mobile Computing Wavespeed/S instantly increases user mobility in POS, mobile, medical or industrial automation applications.



Standalone Bluetooth-Compatible Solution for Wireless Serial Expansion

- ▶ Standalone solution connects to device or host and is operating system-independent
- ▶ Eliminates cabling expenses and increases user mobility – distance between peripheral device and host may be up to 100 meters (328 feet) with Class 1 radio, or 10 meters (32 feet) with Class 2 radio
- ▶ Creates wireless serial link transparent to application software
- ▶ Windows-based configuration tool for easy set-up
- ▶ In-range/out-of-range indicator increases security, enables event triggering
- ▶ Ideal for mobile applications like delivery trucks, as well as POS and industrial automation environments

Get **out** of the box *today.*

Wavespeed/S Products and Part Numbers

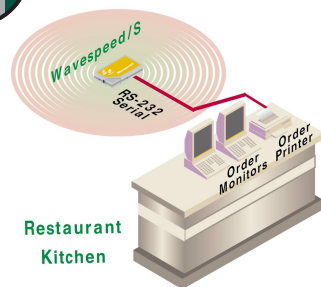
WAVESPEED/S WIRELESS SERIAL ADAPTERS

NAME	DESCRIPTION	PART #
Wavespeed/S Class 1	RS-232 Serial DB-9 to Wireless; Class 1 Radio	301-1121-01
Wavespeed/S Class 1 Pair	RS-232 Serial DB-9 to Wireless; Class 1 Radio; 2 Units	301-1123-01
Wavespeed/S Class 2	RS-232 Serial DB-9 to Wireless; Class 2 Radio	301-1122-01 301-2122-01*
Wavespeed/S Class 2 Pair	RS-232 Serial DB-9 to Wireless; Class 2 Radio; 2 Units	301-1124-01 301-2124-01*

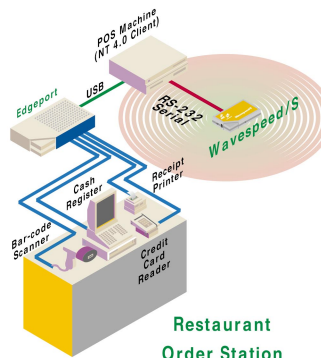
*Denotes international version part number.
Class 1 radio currently available in North America only.



Point-of-Sale



Restaurant
Kitchen



Restaurant
Order Station



To view our entire
line of USB solutions
visit our website at
www.ionetworks.com

Wavespeed/S Technical Features and Specifications

FEATURES

- Standalone solution connects to any serial port; no host PC or application software required after configuration
- Use pair of adapters to replace serial cable between two pieces of hardware
- Use one adapter in server mode to connect to any serial port profile (SPP)-capable Bluetooth device (PDA, tablet PC, PLC, WAN radio)
- In-range/out-of-range indicator increases security, acts as additional event trigger for host application (call for details)
- Wireless link conversion is transparent to the software application
- On/Off/Config switch for device set-up
- Secure, reliable communication for data integrity

SPECIFICATIONS

- Bluetooth 1.1 Compliant
- Female DB-9 interface
- Class 1 radio distance: 100 meters (328.08 feet)
- Class 2 radio distance: 10 meters (32.81 feet)

- Software configurable as DTE or DCE device type
- Frequency: 2.4GHz
- Frequency Hopping Spread Spectrum (FHSS)
- Baud rate: 300, 1200, 2400, 4800, 7200, 9600, 19200, 38400, 57600 or 115200bps
- Data Bits: 8, 7
- Stop Bits: 1, 2
- Parity: None, Odd, Even
- Flow control: None, Software (user-specified XON/XOFF), Hardware (RTS/CTS)
- LED indicates device, software and wireless link status
- Operating temperature range: 0°C to 65°C (32°F to 149°F)
- Storage temperature range: -25°C to 80°C (-13°F to 176°F)

SYSTEM REQUIREMENTS

- 1 available RS-232 serial port

POWER REQUIREMENTS

- 5V wall-mounted power supply (included)
- Power consumption: 110mA (normal), 160mA (maximum)

CERTIFICATIONS

- FCC Part 15 Class B
- CE
- EN55022, Class B, 50082-1, 55024, 60950
- UL 1950
- CSA No. 950

Wavespeed/S



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