

Wai Port

Wireless Asset Interface Port



The **Wai Port** is an industry proven, wireless vibration and temperature signal interface system; this “plug-and-play” vibration and temperature interface system was designed specifically for the condition monitoring / predictive maintenance market.

By utilizing advances in wireless technology, Spectrum Instruments offers a system that is highly flexible, employs no restrictive software back end and removes the need for expensive and susceptible cable runs.

The flexible nature of the **Wai Port** is evident by the system’s ability to accept **ANY** constant current vibration and temperature accelerometer and will communicate with **ANY** commercially available vibration data collector.

- **Improved personnel safety**
- **Reduces cabling costs!**
- **Reduces labor costs!**
- **No software to learn!**
- **Modular configuration supports up to 128 measurements**
- **24 VDC or battery power for increased user functionality**

Contact the Spectrum or an authorized Spectrum Reseller to discuss your requirements today!

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How the System works

- 1 Industrial vibration accelerometers* and/or multi-function vibration & temperature sensors** are wired directly to the field mounted **Wai-T Port** vibration transmitter.
- 2 The **Wai-T Port** Transmitter sends the accelerometer and/or temperature signal via a 2.4GHz wireless radio link (5.0GHz & 5.8GHz optional).
- 3 The **Wai-R Port** Receiver accepts the signal up to 100m away (line of site). Greater distances are achievable with optional transmission repeaters.
- 4 The **Wai-R Port** Receiver translates the signal to real time vibration data for downloading via the technician's data collector of choice.

Features

- Previously inaccessible bearings can now be safely monitored
- No software required - 'plug-n-play' solution
- Up to 8 transmitters can be linked to a single receiver. (ie. 64ch Vibration & 64ch Temp)
- Use most any constant current industrial accelerometer for connection to the transmitter – maximize system capacity using Spectrum multi-function sensors **
- Compatible with any vibration data collector
- Vibration and temperature monitoring
- availability of real time 'AC' mV/g data as per connected accelerometer
- Industrial IP66 stainless steel housings
- Options for battery power or 24VDC power
- Tested and proven

* Spectrum SI-100, SI-150, SI-170 & SI-173
** Spectrum SI-100T, SI-150T & SI-173T



Ask about our product upgrade path – the WAM Wireless Asset Monitoring System

V4.15A