Industrial Wireless USB Hub

FEATURES

- **Wireless transceiver for Cypress Envirosystems' industrial wireless network**

- **Connects to the USB port of the Industrial Green Box to send and receive wireless data**

- **Uses robust and highly optimized industrial DSSS radio and protocol with antennae and frequency diversity**

- **One Industrial Hub supports up to 12 Wireless Range Extenders**

- **FCC, RoHS and ETSI compliant**

Establish the wireless network for Cypress Envirosystems' industrial devices

Cypress Envirosystems' industrial field devices include the Wireless Gauge Reader, Wireless Transducer Reader, Wireless Freezer Monitor, and Wireless Steam Trap Monitor. These devices enable facilities to capture analog data from needle gauges and transducers and to assess the health of research freezers and steam systems.

The Industrial Hub (IND-HUB) connects to the Industrial Green Box's USB port and communicates wirelessly with the devices in its network. The IND-HUB can support up to 12 Wireless Range Extenders and 255 field devices such as the Wireless Steam Trap Monitor, Wireless Gauge Reader, Wireless Freezer Monitor, etc. One IND-HUB is required for every Industrial Green Box.

KEY PRODUCT SPECIFICATIONS

Industrial Hub (IND-HUB)

Wireless Frequency:	2.4GHz Direct Sequence Spread Spectrum, 100mW peak output
Wireless Range:	Up to 1600ft (488m), high interference immunity, extendable with repeaters
Wireless Protocol:*	Cypress Semiconductor's highly optimized industrial DSSS radio and protocol. Integrates robust security, antenna and frequency diversity, optional encryption and minimal interference with existing wireless systems. (For additional details, please see FAQ at www.cypressenvirosystems.com)
Approvals:	FCC Class B compliant, RoHS, ETSI compliant
Power Supply:	USB
Humidity:	10-99%RH, non-condensing
Operating Temperature:	-4°F to 158°F (-20°C to 70°C)
Storage Temperature:	-40°F to 185°F (-40°C to 85°C)
Enclosure:	Rugged extruded aluminum industrial chassis (optional NEMA4/IP66 enclosure)
Dimensions:	5.7" x 2.2" x 1.6" (145mm x 57mm x 42mm)
Weight:	0.51 lbs (230g)

*All wireless devices use Cypress Semiconductor's industry-leading frequency agile protocols providing unmatched interference immunity and co-location capabilities.

OUR FAMILY OF PRODUCTS:

| WIRELESS PNEUMATIC THERMOSTAT (WPT) | WIRELESS GAUGE READER (WGR-100) | WIRELESS STEAM TRAP MONITOR (WSTM-100) | WIRELESS FREEZER MONITOR (WFM-100) | WIRELESS TRANSDUCER READER (WTR-100) |

HEADQUARTERS

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