

FEATURES

- Quickly connects wireless nodes to standard controller I/O modules with analog inputs
- Support for various analog I/Os (0-5V, 0-10V, 4-20mA)
- Digital output per node reports error conditions
- Single receiver for up to 6 wireless nodes
- Easily powered from existing power sources in control panel
- Can be installed in most existing control panels using DIN-rail mount
- Support for plastic or metal control panels via internal or external antennas
- Robust wireless – up to 300m, high interference immunity
- Single one-time configuration
- Connects to any I/O module/controller with analog inputs (0-5V, 0-10V, 4-20mA)
- RoHS compliant



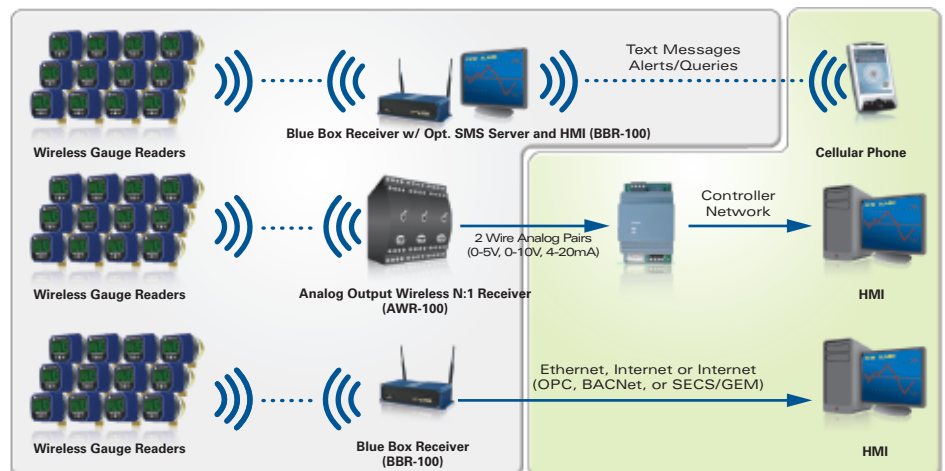
Easily connect wireless data points to your existing control system through standard analog input I/Os

- Quickly connect wireless data points directly to your controller I/O.
- Enables notification when error conditions occur with the transmitter.
- Uses standard power available in control panels.
- Various analog outputs support most controller I/O cards.

The Cypress Systems Wireless N:1 Analog Receiver enables you to seamlessly connect Cypress Systems transmitters to your existing control system. Once connected, you can easily access any wireless data point as if it were wired.

The thin profile DIN-rail mount and terminal block connections enable easy installation in minutes. Simply apply power and connect the receiver outputs to your standard controller I/O. Once the receiver is wired, you can configure the data points from your controller software.

Wireless Reader Configurations



Provided by Cypress Systems

Existing Control System /
HMI at Customer Facility

KEY PRODUCT SPECIFICATIONS

ANALOG OUTPUT WIRELESS N:1 RECEIVER

Analog Outputs:	0-5V, 0-10V, 4-20mA
Accuracy:	+/- 1.5% of full scale output
Wireless Frequency:	2.4GHz Direct Sequence Spread Spectrum, 100mW peak output
Wireless Range:	Up to 300m, high interference immunity, extendable with repeaters
Wireless Protocol:	Cypress Semiconductor's WirelessUSB with robust security, optional encryption, and minimal interference with existing wireless systems (for additional details, please see FAQ at www.cypress.com/systems)
Approvals:	FCC Class B Compliant, RoHS Compliant, UL Approved
Configurations:	<5 min setup with Cypress Systems Handheld Configuration Device
Supported Power Input:	5-24VDC, 24VAC
Operating Temperature:	-20°C to 70°C
Storage Temperature:	-40°C to +85°C
Enclosure:	Thin profile DIN-rail mount
Housing Material:	High Temperature ABS
Weight:	100g
Dimensions:	100mm (h) x 22mm (w) x104mm (l)

RELATED PRODUCTS:

WGR-100: Wireless Gauge Reader

WTR-100: Wireless Transducer Reader

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

HEADQUARTERS

198 Champion Court
San Jose, CA 95134
408 943 2800
www.cypress.com/systems
systems@cypress.com

DESIGN CENTER

12230 World Trade Drive
Suite 200
San Diego, CA 92128