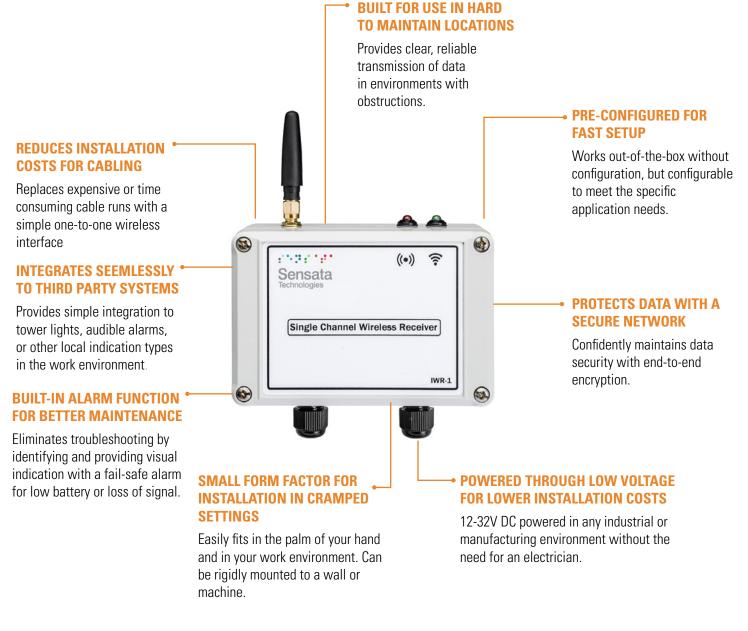
NEW PRODUCT HIGHLIGHT

IWR-1 SINGLE-CHANNEL WIRELESS RECEIVER

The IWR-1 is a single-channel receiver designed to pair with a single industrial wireless transmitter to form a cost-effective replacement of traditional wired transducers.

It aggregates real-time sensor data from one remote source and shares it with a local wired circuit, making it an important part of a wireless system that aids in the 24/7 monitoring of factory assets. It provides factory personnel the ability to quickly setup and derive important information about their assets and automation systems.



Sensata

Technologies

APPLICATIONS

- Smart Factory
- Manufacturing
- Aerospace

• Electronics

- Food & Beverage
- Machine Tool
- Packaging

- Pharmaceutical
- Semiconductor
- Steel

• Automotive

SPECIFICATIONS

Electrical Protection

Outputs*	User selectable 1-5 V or 4-20 mA
Alarm Output	5 Amp rated changeover contacts
Receiver Update Rate**	10 seconds as standard
	Alternative user settable rates: - 1, 5, 10 and 30 seconds

*Factory preset is 4-20mA output

**Consult IWT installation manuals and data sheet for set-up of alternative transmission rates.

System Performance (@ +20°C)

Accuracy	<±0.25% FS BFSL
Setting Errors (offsets)*	Zero and Full Scale ${<}\pm0.5\%$ FS

*End-to-end zero tare function available, see user manual.

Instrument Power Source

DC Power

12 to 32Vdc

Temperature Ratings

Operating Temperature	-10°C to +50°C
Storage Temperature	-20°C to +80°C

Enclosure Specifications

Dimensions	120 mm x 80 mm x 57 mm
Material*	Light grey ABS (RAL7035)
Protection Class	IP65
Weight	215g inc. 0dBl antenna (+12g with 3dBl)
Installation Position**	Any

*Other materials on request.

**Consult Installation Manual to ensure adequate signal path between transmitter and receiver.

Receiver Input

Receiver Frequency*	2.4GHz
System Channel	Standard setting, however user adjustable in multiple instrument systems
Antenna	Enclosure mounted OdBi

*Compliant with EN 300 328, V1.8.1

CONTACT US

Americas 310 561 8092 / 1 866 258 5057 Cov. sales@sensata.com Cynergy8 Components LLC 11642 Knott Ave. E-5 Garden Grove 92841, CA

Europe, Middle East & Africa

+44 (0)1202 897969 c3w_sales@sensata.com Cynergy3 Components Ltd. 7 Cobham Road, Ferndown Industrial Estate, Wimborne, Dorset, BH21 7PE, United Kingdom