



## NEW PRODUCT HIGHLIGHT

### INDUSTRIAL WIRELESS CURRENT TRANSFORMER TRANSMITTER

The IWCTT Current Transformer Transmitter accepts an input from any mV ac output current transformer up to 500 mV ac and transmits the value to one of the Industrial Wireless Receivers and Gateways.

It is an important part of a wireless system that aids in the 24/7 monitoring of factory assets.

#### BUILT FOR USE IN HARD TO MAINTAIN LOCATIONS

Provides clear, reliable transmission of data in environments with obstructions.

#### CONFIGURABLE TRANSMISSION RATES TO PRESERVE BATTERY LIFE

Control when data is sent from the transmitter to meet the specific application needs or preserve battery life.

#### LONG OPERATIONAL LIFE

Lithium Thionyl Chloride battery lasts for 5 years when configured for a 10 second update rate. Transmission rates can be set at 1 second to 5 minute increments.

#### WORKS DIRECTLY WITH A WIDE OFFERING OF INDUSTRIAL WIRELESS RECEIVERS

Allows a solution configuration that meets the specific application requirements thereby supporting self-contained circuits, local PC or PLC control, and cellular gateway options.

#### AVAILABLE IN A RANGE OF CONFIGURATIONS

Works with industry standard split core current transformers. Complete offering accepts 50 mV, 200 mV, 333 mV, and 500 mV signals .

#### PROTECTS DATA WITH A SECURE NETWORK

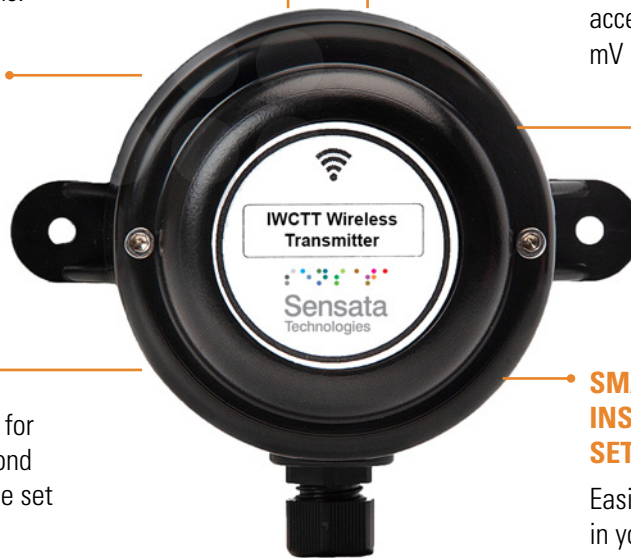
Confidently maintains data security with end-to-end encryption.

#### SMALL FORM FACTOR FOR INSTALLATION IN CRAMPED SETTINGS

Easily fits in the palm of your hand and in your work environment. Can be rigidly mounted to a wall or machine.

#### PRE-CONFIGURED FOR FAST SETUP

Works out-of-the-box without configuration, but configurable to meet the specific application needs.



## APPLICATIONS

- Smart Factory
- Manufacturing
- Aerospace
- Automotive
- Electronics
- Food & Beverage
- Machine Tool
- Packaging
- Pharmaceutical
- Semiconductor
- Steel

## SPECIFICATIONS

### Transmitter Output

<b>*Transmission Frequency</b>	2.4 Ghz using ISM bands
<b>Transmit Power</b>	18 dBm
<b>System Channel</b>	User selectable via DIL switch
<b>Antenna</b>	Integral 0dBi

\*Compliant with EN 300 328, V1.8.1

### Material Specifications

<b>Wireless Enclosure Material</b>	Plastic
<b>Weight</b>	150g including battery
<b>*Installation position</b>	Any
<b>Environmental protection</b>	Designed to IP68 (not recommended for submersion due to signal loss)

\*Consult installation manual to ensure adequate signal path between transmitter and receiver

## ORDERING OPTIONS

<b>Wireless transmitter</b>	IWCTT-050 IWCTT-200 IWCTT-333 IWCTT-500
<b>Spare battery</b>	IBAT-1
<b>Receivers</b>	See IoT Gateway, IWR-1, IWR-5, IWR-PORT and IWR-USB datasheets

### Instrument Power Source

<b>Battery Type</b>	User replaceable Lithium C cell
<b>Battery Life</b>	Five years at 10 second update rate
<b>Battery Shelf Life</b>	10 years

### Temperatures

<b>Ambient Temperature range</b>	-20°C to +50°C
<b>Storage Temperature</b>	-20°C to +80°C

### Input/Output Signals

<b>Input (transmitter)</b>	mV AC from an AC current transformer
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## CONTACT US

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