

RS2000 Z-Mono Universal

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Z-Mono Universal Features

RS2000 Z-Mono Universal collects data from single-phase meters with output to open collector or IrDA and transmits them to a data concentrator via Zigbee. It has a relay for power connect & disconnect to the single-phase consumer and alarms for detecting fraud.

- Reading and transmitting data from single-phase meters with IrDA output via MESH Network.
- Relay for power supply connect & disconnect to single-phase consumers up to 250V / 100A.
- Wireless communication at the rate of 250 Kbits per second.
- Security in data transmission, present in the RF communication protocol with 128-bit cryptographic key.
- Powered by AC voltage between 85 and 264 VAC.
- Differential current alarms for fraud detection.

Data Transmitters from CAS Tecnologia

Designed to offer connectivity to the most varied types of businesses, adding remote communication to different equipment. Enables efficient remote management, control, monitoring and supervision.

RS2000 Line of Data Transmitters from CAS Tecnologia feature end-to-end communication technologies via Radio or Mesh Network, enabling local or short-distance communication to the concentrator at low cost.

Technical Specification

Transmission technology	Zigbee
Connector A	Connectors for Phase and Neutral input and output
Connector B	Optical connector for local configuration
Frequency	2,400~2,480 MHz
Maximum output power	67mW
Receiving power	-102dBm
Antenna	Internal - up to 1600 m coverage (direct line of sight)
Average consumption	2.5W at 127VAC
Power Supply	85~264VAC
Operating temperature	0°C to +70°C
Sizes	192 x 126 x 80 mm
Weight	1100g – (with A102C meter coupled)
IP Code	IP50W

Technical Design

