

Wireless Transceiver - Analog Input

Ready-to-use wireless transceiver for external analog probes with 4-20mA.

External power supply or internal lithium batteries in a larger housing. Power management for external probes.

Interacts with LORANEXUS for configuration and data transmission.



MAIN FEATURES

- Acts as analog Input Datalogger
- Up to two analog probes per Transceiver
- Tamper alarm
- Transmits periodic, event of change of value
- Interacts with LORANEXUS
- Supplies external probe
- Power Management of external probe

VERSIONS

Standard 4-20mA

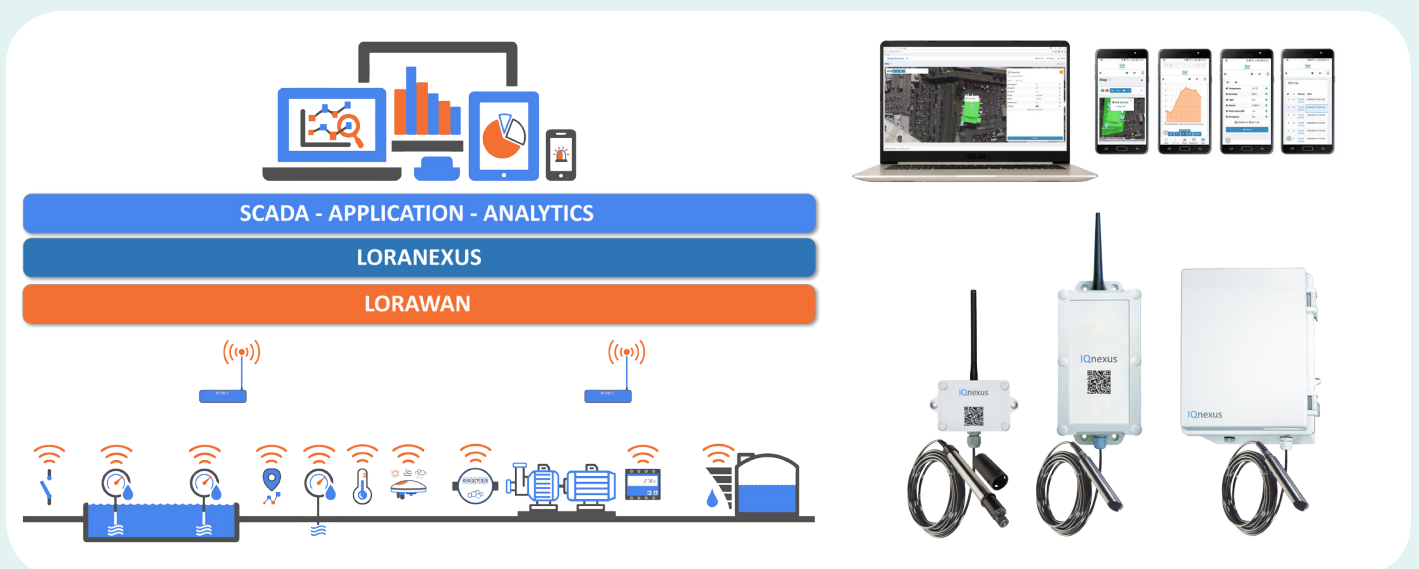
RADIO COMPLIANCE

- RCM mark for AUS/NZ
- AS/NZS 4268, AS/NZS CISPR
- EU868, AS923, AU915 & US915



CONFIGURATION

Configuration via the network of measuring values, units, periodicity and data encryption. Event based, periodic transmission or change of value transmission. Turns off external probe in sleep phase.



Wireless Transceiver - Analog Input

Features

Model Name	SEN-ANALOG
Frequency Band	AS923 (other frequencies on request)
Transmission Range	Urban environment radius – 15 km
WAN Protocol	LoRaWAN 1.0.2
Modulation	Based on LoRaWAN™
RF Transmitter	SX1276
Receive Sensitivity	-140 dBm
Operating Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 60°C
Sensors	External Analog Probes with 4-20mA
Power Voltage	12-24 VDC - External Power Supply or Batteries
Battery	Optional 1-6 non rechargeable Lithium batteries
Antenna Type	External SMA
Ingress Protection	IP67
Dimensions	L 83mm x W 63mm x H 33mm (medium enclosure)
Weight	80 g (145 incl. Batteries)
Mounting	Flanged box mounted with four screws