**LoRa Wireless RTU**

**Analog**

2-Channel 4-20ma Inputs

Differential 16 Bit, High/Low Side measurement

Wide common mode range up to 36V

Scale units, High&Low Alarms

**Digital**

2-Channel Opto isolated Inputs

Logic levels up to 36V

2-Channel Relay Outputs

Form C contacts, 220VAC 2A

**Serial**

RS485 ModBus RTU Master

8-Channel Programmable profiles

Data Rate up to 115200bps

Industrial grade protection

**Power**

5-24VDC Industrial Power Line Input

**Radio**

LoRaWAN Class C

Licence Free ISM Bands (EU868, US915..), Default EU868MHz, 8 Channel

Up to 100mW (20dbm) output power

High sensitivity -148dbm

3dbi External Antenna

Long Range, greater than 10km line of sight

**Configuration**

Easy configuration via USB, Pc, Phone, Tablet

Periodic and Alarm Report via Uplink

IFTT trigger&action rules, Local Time, Alarm threshold

Full LoRaWAN parameters access

Over The Air Activation (OTAA) with DevEUI, AppEUI, AppKEY

Plug&Play wit TTN and Cayenne IoT platform

**Physical**

2 screw type I/O plugs

1 USB Micro B

Power and Action LEDs

Aluminum Enclosure with mounting flanges

104 X 69 X 28 mm