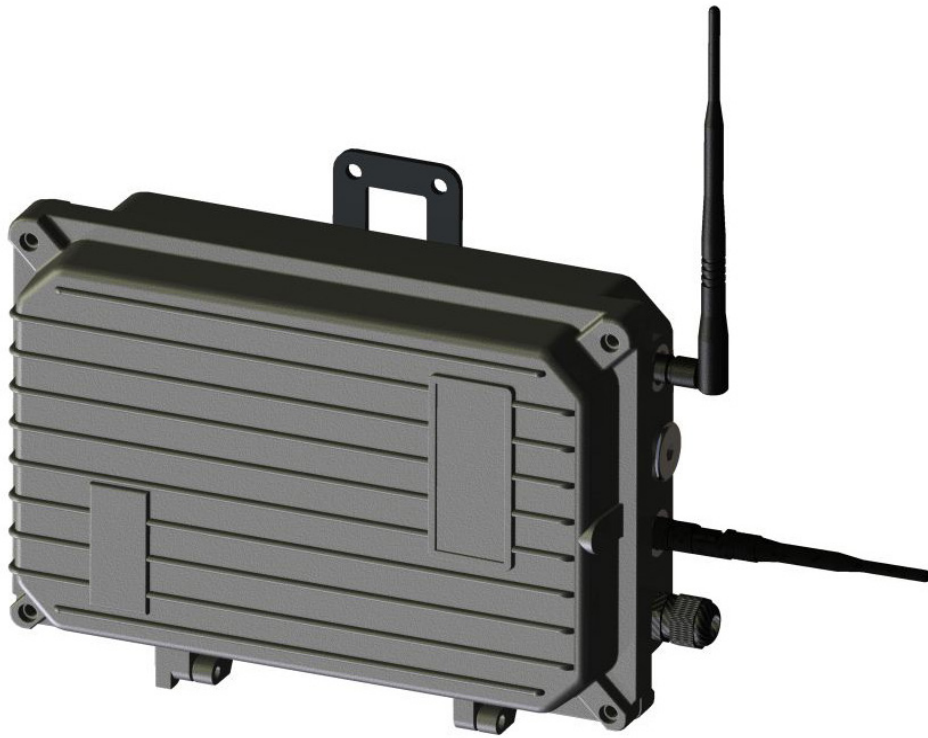


SensusRF Gateway



Application

Compact Gateway for fixed Radio network which can interface with:

Short Range Devices (SRD)

- SensusRF Radio Endpoints like iPERL
- SensusRF Repeaters
- standard wMBus water meters

Long Range Radio (LRR)

- GPRS and 3G
- Ethernet

Designed to receive meter data of meter Endpoints in periodical interval or communicate on demand and transfer the data on the long range via Cellular radio or wired (Ethernet) communication.

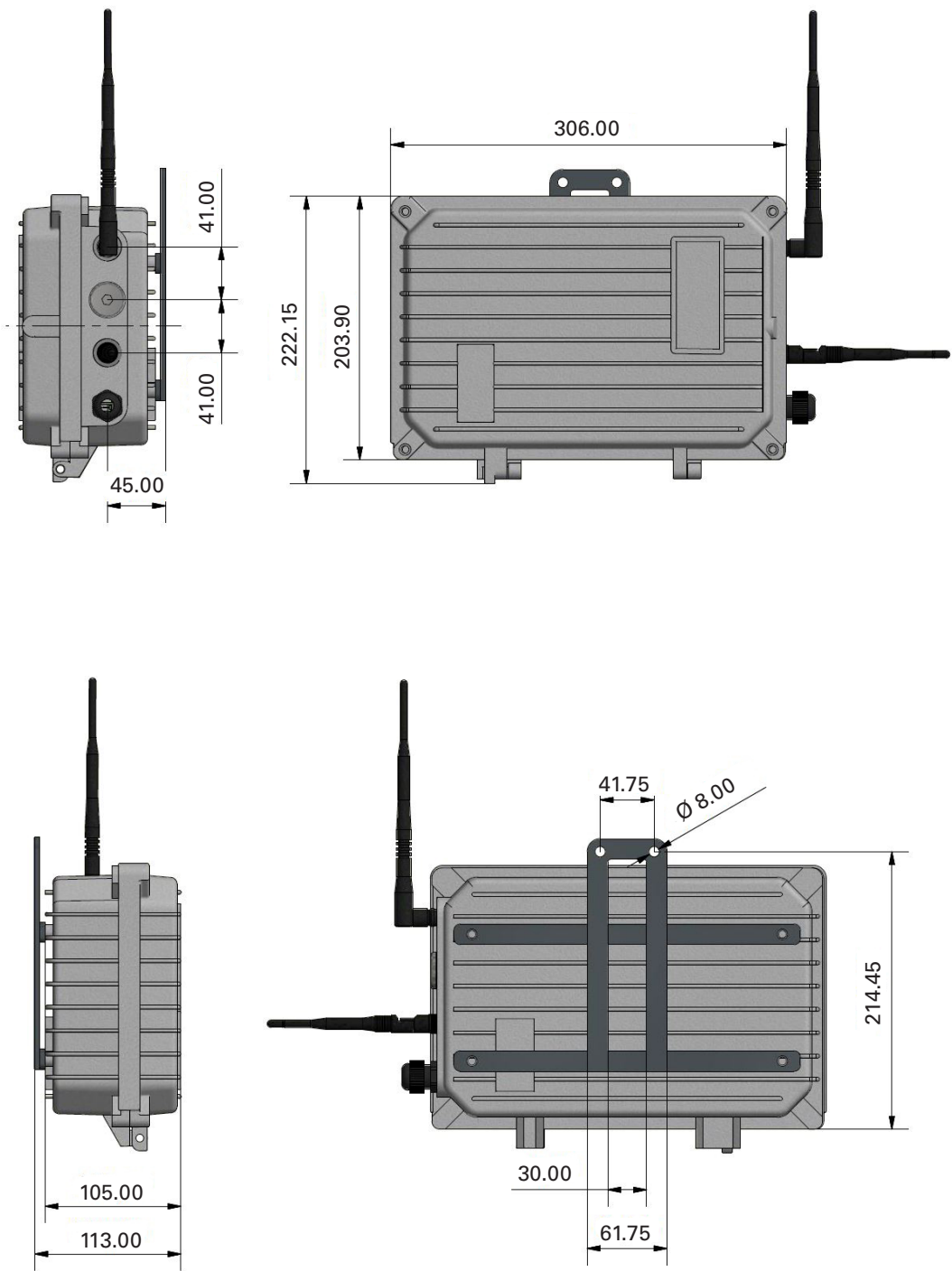
Overview

The Gateway can handle up to 3000 Endpoints (meters).

At 868 MHz the distance to the meter Endpoint is line of sight 500 m, under normal conditions outside a building 100 m to 300 m, hard conditions e.g. pit installation 50 m to 100 m.

The distance to SensusRF Radio Repeaters can be more than 1 km LoS (Line of sight) at 868 MHz and up to 350 m LoS at 433 MHz.

Dimensions



Features

Input	SensusRF Radio protocol 868 MHz (433 MHz), wM-Bus (T1, C1)
Number of inputs	Up to 3000 Endpoints (512 KB flash, 128 KBRam)
GSM/GPRS	GSM/GPRS quad-band and 3G
Housing	IP 65 Aluminium alloy, UV resistant
Installation	Fixing on a pole/wall with screws back support
Power supply	100-240 VAC Optional: Auxiliary 12-24 DC, i.e. solar panel , consumption 8.2 Watt
Radio Power	Endpoint <> Gateway 25mW (868 MHz) Repeater <> Gateway 100mW (868 MHz) In 433 MHz all links are 10mW
Configuration Interface	via GPRS, Ethernet, – remote upgrade over the air, USB local
Reading Interface	GSM/GPRS and Ethernet
Environmental temperature	-20 °C ...+70 °C operating and storage
Weight	4 kg
Environment	Attention on hard environment, cold, dirty, wet. Outdoor installation with direct sunshine
AMR integration	Irislite - built in SMTP and FTP/SFTP service
Compliance	CE (RED, EMC, LVD, RoHS, ...)
Recycling	WEEE



UK & Ireland Enquiries

Sensus UK Systems Ltd, 3 Lindenwood Crockford Lane, Chineham Business Park
Basingstoke RG24 8QY UK
T: +44 (0) 1256 372800 F: +44 (0) 1256 707203 Email: info.gb@xyleminc.com www.sensus.com

International Enquiries

Sensus GmbH Hannover, Meineckestraße 10, D-30880 Laatzen Germany
T: +49 (0) 5102 74-0 F: +49 (0) 5102 74-3341 Email: info.int@xyleminc.com www.sensus.com