

Supercom 637 Radio Modem



Application

The Supercom 637 radio modem is a wM-Bus radio receiver (868 MHz) designed to remotely read out wM-Bus and OMS radio devices. Thanks to its Bluetooth interface, it can easily connect to:

- An Android or Windows tablet
- An Android smartphone
- A Windows laptop

A competent person, equipped with a Supercom 637 radio modem and a tablet (for example), can easily read out wM-Bus and OMS radio devices without having to enter the apartments. An access to the property allows him to read out each device several times a year, if necessary.

The Supercom 637 radio modem together with the Software Tools Supercom which is equipped with an intuitive interface makes data processing simple and fast. These can easily be integrated into a billing system.

Functions

- Remote readout of Sontex wM-Bus and OMS radio devices (868 MHz).
- Remote readout of third parties wM-Bus and OMS radio devices (868 MHz).

Features

- 868 MHz receiver.
- Class 2 Bluetooth interface (10 m).
- In accordance to 2014/53/EU (RED)
- External antenna improving transmission / reception performance.
- Compact design for a better grip.
- Robust and shock resistant industrial housing.
- Easy to use thanks to the integrated belt clip.
- Protection class IP 64.
- Rechargeable via the delivered charger.

Technical Data

Operating temperature:	5 to 55 °C
Storage temperature:	-20 to 45 °C (dry environment)
Power supply:	3.7 VDC (Lithium Ion batteries)
Charger:	Input 110-230 VAC / output 5 VDC
Housing dimensions:	80 x 160 x 45 mm
Antenna size:	180 mm
Weight:	0.300 kg
Protection class:	IP 64



Standards & Conformity

RED:	according to 2014/53/EU
EMC:	according to 2014/30/EU
LVD:	according to 2014/35/EU
RoHS:	according to 2011/65/EU
WEEE:	according to 2012/19/EU

Bluetooth communication

Version:	4
Power class:	Class 2
Maximum Power:	2 dBm

Radio communication

Communication:	wM-Bus unidirectional EN 13757-4 modes T1, C1
Frequency:	868.95 MHz

Note

The housing of the radio modem Supercom 637 is protected against unauthorised intervention. Only authorised persons may open the housing. Any unauthorised intervention voids the warranty.

Technical support

For technical support contact your local Sontex agent or Sontex SA directly.

Sontex hotline

support@sontex.ch, +41 32 488 30 04

Specifications are subject to change without notice.