

636 Series

Bidirectional radio modem interface

Technical Data Sheet



Description

The **636 Series** bidirectional radio modem interface connected via Bluetooth to a handheld PDA or a Windows PC/laptop/tablet makes it possible to set parameters and read metering data from a mobile unit (Walk By) outside the building, thus offering many benefits for users and installers:

- remote parameter setting and data reading leaves users undisturbed;
- the ability to operate remotely from outside the building saves time and costs for installers;
- consumption data can be read across a wide time band, from 0600 to 1800;
- radio transmission takes place only when activated for the purposes of reading;
- open-field coverage range of 300 metres outside the building;
- ability to read an unlimited number of heat cost allocators;
- less time spent on parameter setting and data reading.

The **636 Series** Mobile Radio Modem is a bidirectional communication system consisting of a 433 Mhz radio system connected via Bluetooth to a handheld PDA or Windows PC/laptop/tablet, which are not included with the **636 Series** radio modem. The system enables parameter setting and consumption data reading from heat cost allocators and all radio devices forming part of the WATTS indirect metering system from a mobile unit outside the building, depending on the construction characteristics of the building concerned. The data read can be viewed and saved in a file that can be transferred to a computer and converted into Excel for billing purposes. The supply includes:

- **636 Series** Mobile Radio Modem interface;
- power supply unit for battery charging;
- shock-proof carrying-case containing the set;
- installation CD complete with the software for setting and reading the various devices;
- USB cable for battery charging.

Technical features of 636 modem antenna

Protection	IP65
Communication with handheld PDA	Bluetooth
Communication with PC workstation	Bluetooth
Bidirectional communication (parameter setting and reading)	433, 82MHz, 10mW
Open-field coverage range outside the building	300 metres
Coverage range inside the building	30 metres/5 floors*
Battery-powered version has rechargeable batteries	3.6 VDC - 3X1.2 AAA Ni-Mh
External power supply unit for battery charging (with USB)	input 12 VDC or 230 VAC output 5 VDC

* Indicative value depending on the actual structure of the building

Minimum requirements of handheld PDA to be paired with 636 Series mobile radio modem

- Windows Mobile 6.0 operating system or higher
- Bluetooth interface
- USB2.0 interface or higher

Minimum technical requirements of PC/laptop/tablet

- Windows PC/laptop/tablet
- Operating system: Windows XP, 7, 32/64bit or higher
- 2GB free disk space
- Display resolution: 1024x768 pixels
- Bluetooth interface

Specification text

636 Series - Supercom radio modem **636 Series** – WATTS brand – Lambda/4 radio antenna, bidirectional 433.82Mhz radio, Bluetooth interface, built-in USB port. Functions: data reading via radio (heat meter, radio heat cost allocator, radio module for water meter, etc.). Configuration of parameters such as Date, Time, Medium, Number of values to read, etc. on radio devices by means of the software supplied.

The descriptions and photographs contained in this product specification sheet are supplied by way of information only and are not binding.

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