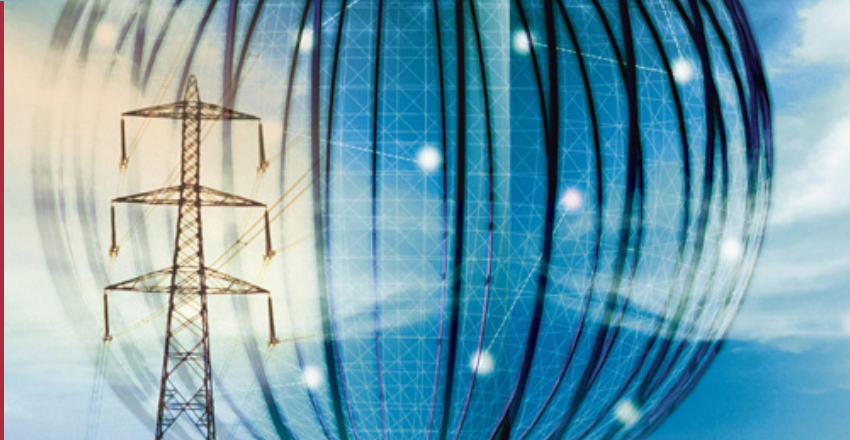




4MCM

Meter Communication Module



GSM, CAT-M1 and CAT-NB1 Meter Communication Module with worldwide coverage.

4MCM Meter communication module provides wireless data communications to enable remote control of modular smart meter devices.

The **4MCM** module is a compact device optimized for data transmission using different services offered by the mobile operators.

The **4MCM** module offers rapid implementation of current telecontrol and AMR applications in order to take full advantage of CAT-NB1 technologies:

- Supports 3GPP TS27.007, 3GPP TS 27.005.
- EGDE: Worldwide coverage.
- CAT-M1: Worldwide coverage.
- CAT-NB1: Worldwide coverage.



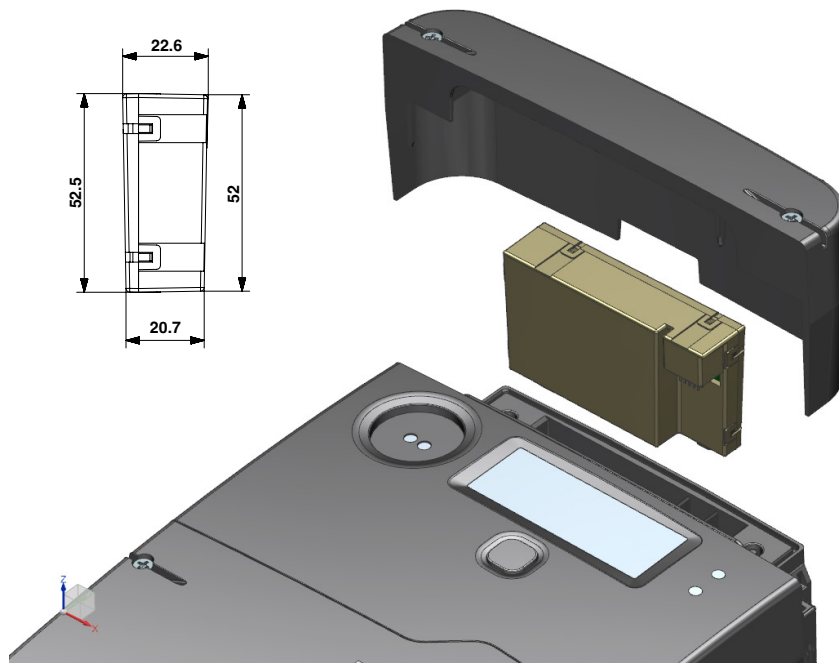
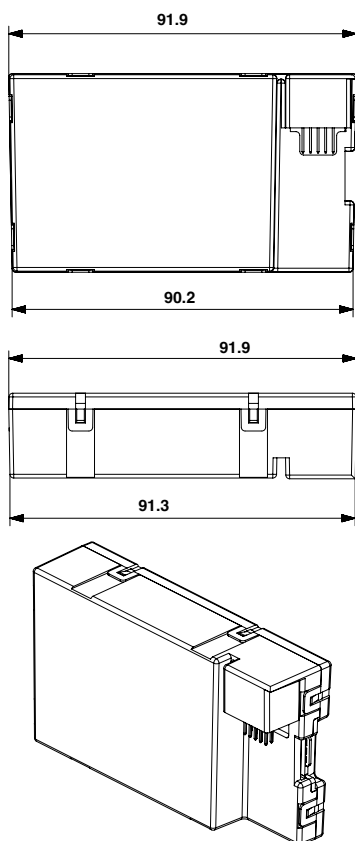
CAT-NB1, CAT-M1 and GSM//EDGE

- ✓ Cat M1/Cat B1 LTE FDD Bands: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B26/B28.
- ✓ EGPRS 850/900/1800/1900MHz.
- ✓ Cat M1 LTE FDD Data: Max 375 Kbps (DL)/Max 375Kbps (UL).
- ✓ Cat NB1 LTE FDD Data: Max 32 Kbps (DL)/Max 70Kbps (UL).
- ✓ EDGE Data: Max 296 Kbps (DL)/Max 236.8Kbps (UL).
- ✓ GPRS Data: Max 107 Kbps (DL)/Max 85.6Kbps (UL).

Key Features

- ✓ RF High Sensitivity Receiver.
- ✓ Nano SIM Socket Push Push.
- ✓ Antena included.
- ✓ IPv4 and IPv6 Support.
- ✓ Flexible TCP/UDP sockets configuration.
- ✓ Remote Firmware Upgrade.

Installation



The 4MCM allows its installation in modular meter power on.

Detected and auto configured by the SEC meter.

A plug & play module.

Technical Information

Power Supply	Supply from modular smart meter 13.5VDC @ 3W
Pinout	 1. Vsupply 13,5VDC. 2. RX TTL 3V3. 4. TX TTL 3V3. 6. Reset input. 8. Detect Module. 10. GND.
Antenna	Included in the module.
Dimensions	88 x 50 x 20 mm.
Configuration and Management	APN configures - User and password configuration. Optimal selection of the band. Scan mode. Scan sequence. Protocols type TCP and UDP. Listen port.

