

M-Bus to NB-IoT converter

ACR-CV-101N-M-D

ACR-CV-101N-M-D2

M-Bus to NB-IoT finds its application mainly in the reading of electricity meters and calorimeters. The M-Bus converter supports connections of up to 5 UL (Unit Loads) and communication is based on the EN 137 57-3 protocol.

Long battery life of up to 10 years makes the IoT converter an ideal tool for remote energy readings in apartment buildings.

Key selling points:

- Readings of up to 5UL
- Master or Slave device type
- Communication speed 300 - 9600Bd
- LUA scripting interface
- D-cell 14 000 mAh battery
- Long battery life of up to 10 years
- External SMA antennas for high gains



M-Bus interface	
Device type:	Master or Slave
Communication speed:	300 - 9600Bd
Maximum connected devices:	5 UL (Unit Loads. 1UL = 1.5 mA)
M-Bus protocol:	EN 137 57-3
LPWAN communication	
Bands:	B1; B3; B5; B8; B20; B28
Supported protocols:	TCP/UDP and other protocols provided by SIM7020 module thanks to direct and transparent access to AT commands in LUA scripting interface
TX Power:	23dBm
Configuration:	Over the cable via GUI or downlinks
General information	
Battery capacity:	14 000 mAh
IP coverage:	IP65
Dimensions:	145 x 90 x 55 mm
Operational temperature:	-30 °C to +60 °C
Weight:	250 g
Mounting:	Wall / Pole
HS code	85269200