

## Industrial router

The device is a versatile gateway designed to facilitate data exchange between devices operating in the Fast Ethernet Local Area Network (LAN) and Advanced Metering Infrastructure (AMI) using 2G/4G/LTE-M (including LTE 450 MHz) radio transmission technology. This data can be used by central systems for monitoring, supervisory, control and so on.



## Radio

Technology	Frequency MHz (Band)
LTE Cat. 1	450(B31)/800(B20)/900(B8)/1800(B3)/2100(B1)
LTE CatM1/CatNB	450(B31)/800(B20)/900(B8)/1800(B3)/2100(B1)
GPRS/EDGE	900(B8)/1800(B3)

## Functionality

- Transparent data transmission from the RS485 serial interface
- Support network functions: DHCP Relay / Server, NTP server
- Ability to work in bridge mode (LAN1, LAN2)
- Possibility to trigger a restart on demand (locally and remotely)
- Proprietary supervisory mechanism - WatchDog
- Secure access to device configuration
- Internal and remote event log
- Internal real-time clock with battery backup and the possibility of synchronization with the use of an NTP server
- Configuration without connecting the main power (using USB power)
- Automatic restoration of the last correct configuration of the GSM modem
- TR-069 protocol support

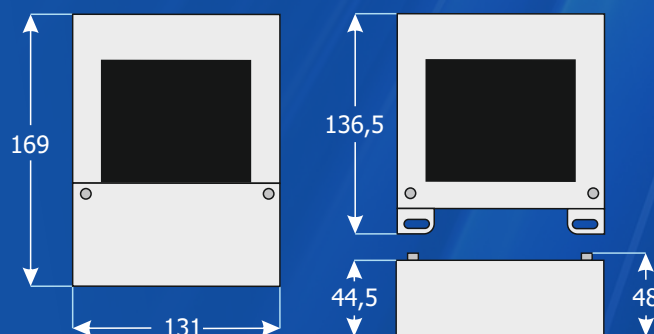
## Equipment

- LAN interfaces (2 x RJ45)
- LED indicator informing about the operating status of the device
- RS485 serial interface
- Configuration interface (miniUSB 2.0)
- Antenna ports (2 x SMA female connectors)
- SIM card connector (2FF USIM format)
- Optional RFID tag



## Specifications

- Working temperatures:  $-40^{\circ}\text{C} \div 70^{\circ}\text{C}$
- Power supply:  $100 \div 240 \text{ V AC}$
- Power consumption: max. 7.8W
- Enclosure made of non-conductive material
- Protection rating: IP 51 (interface connectors sealed with integral cover)
- TH35 rail mounting option (optional adapter)



Dimensions in mm

The comander brand is the property of ANDRA sp. z o.o.