

Universal Modem

Designed as an easy-to-integrate device for remote data transmission from electric meters as well as various types of controllers and devices equipped with an RS485 serial interface. Its compact dimensions, durable casing, and modern LTE transmission technology make the comander uPORT 4G V2 modem an ideal solution for applications in the energy and industrial sectors.



Radio

Technology	Band
LTE	B1/B3/B7/B8/B20/B28A
UMTS/HSPA	B1/B8
GSM/GPRS/EDGE	B3/B8

Functionality

- Transparent data transmission from the RS485 serial interface
- Extended internal event log
- Scheduled restart feature
- Support for the LwM2M protocol
- Internal real-time clock with battery backup and synchronization capability using NTP server or GSM network time
- Proprietary algorithm verifying the integrity of the radio link
- Configuration without connecting to the main power supply (using USB power)
- Password-protected device configuration access
- Capability for local and remote: configuration, diagnostics, and firmware updates of the modem
- Built-in IP address filter.

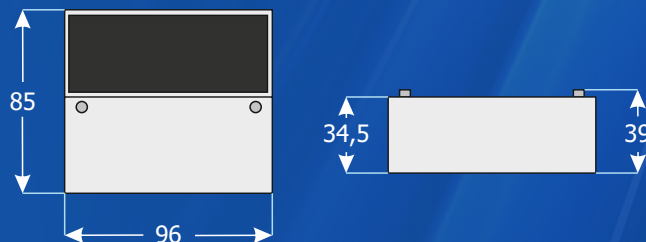
Equipment

- RS485 serial interface
- LED indicator showing device operation status
- USB configuration interface
- Antenna port (female SMA connector)
- SIM card slot (2FF USIM format)
- Volt-free input.



Specifications

- Operating temperatures: -25°C to 60°C
- Power supply: 100 to 240V AC
- Max power consumption: 3W
- Enclosure made of non-conductive material
- Protection rating: IP 53 (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.