

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/3G/4G radio transmission technology. This data can be used by central systems for monitoring, supervisory, control and so on.



Radio

Technology	Band
LTE Cat 4	B1/B3/B7/B8/B20/B28A
UMTS	B1/B8
GSM	B3/B8

Functionality

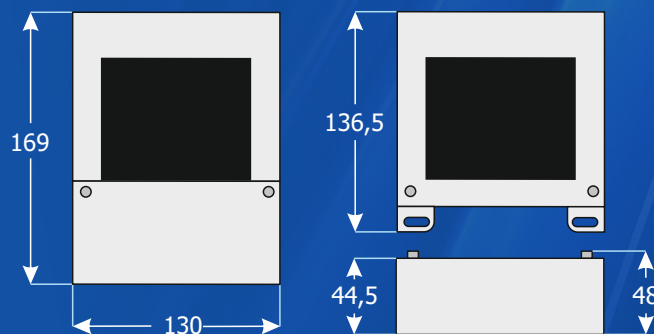
- Mass configuration and firmware update system
- Protocol support: ARP, DNS, FTP, ICMP, IPv4, DHCP, HTTPS, iperf3, NHRP, NTPv3, OSPF, PEAP/EAP/MSCHAPv2, TCP/IP, UDP/IP, TFTP, SCEP, SCP, SSHv2, SNMPv2c and 3, syslog (RFC5424), TLSv1.2
- Network features support: DHCP Relay/Server, DNS, GRE/mGRE, IPSEC with IKEv1 and IKEv2, NAT (DNAT and SNAT), NTP server, RADIUS, 802.1x – remote and local, using PEAP/MSCHAPv
- Remote and local restart
- Proprietary supervisory mechanisms - WatchDog
- Advanced access security to device configuration
- Internal and remote event logging
- Built-in IP address, MAC, and TCP/UDP port filters
- Internal real-time clock with battery backup and synchronization capabilities using NTP server or GSM network time
- WebGUI interface

Equipment

- LAN interfaces (2 x RJ45)
- Configuration interface (miniUSB 2.0)
- Antenna ports (2 x female SMA connector)
- SIM card slot (2FF USIM format)
- LED indicator showing device operation status

Specifications

- Operating temperatures: -25°C to 60°C
- Power supply: 10 ÷ 30V DC
- 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.