

# CONCENTRATOR

Solution for smart metering network

TLR-0003-B\_a



- Multifrequency and Multiprotocol
- Up to 5.000 managed meters
- AC / DC power supply
- IP67 protection
- UNI/TS 11291 compliant



The **Telereading Concentrator** is designed for the realization of **smart metering** networks for the simultaneous management of utilities such as water, gas, energy and heat, in accordance with standard **UNI/TS 11291** where applicable.

## Power requirements

Max Power: 10 W  
Nominal Power: 5 W  
DC Power supply: 15-60 V  
AC Power supply: 230 V 50 Hz - 60 Hz  
Internal protection: internal fuse  
Standard reference: ETS 300 132-2 and following

## WAN communication

GSM / GPRS / LTE / Ethernet

## Local communication

Optical port compliant with EN 62056-21  
Ethernet 10/100 Mbit connector RJ45 IP68

## Protocols and specifications

Compliant UNI/TS 13757  
Compliant UNITS 11291  
Compliant EN 62056-21

## Mechanical features

Housing material: Clear PC  
Flammability grade: UL94-V0 UV Stabilized  
Operating Temperature: -20°C/+55°C  
Protection: IP67  
Dimensions: 161.5 x 211.5 x 100 mm  
Weight: 1,1 Kg

## Further information

Number of managed meters: Max 5.000  
Antenna 169 connector: N-f type  
Transmission power 169 MHz: +27 dBm  
Sensibility: -119 dBm  
N° of integrated RF modules: 1 (+1 optional)  
GPRS connector: SMA

