

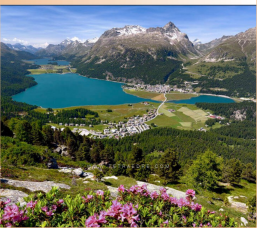


TETRAEDRE

TRMC-19 FAMILY



SCIENCE



ENERGY



INDUSTRY



THE ULTIMATE DATALOGGER BATTERY-POWERED SMART METERING WITH INTEGRATED 2G-3G-4G

- ONE-LOGGER-FITS-ALL (READS VIRTUALLY ANY UTILITIES METER, SENSOR OR PROBE)
- BATTERY POWERED (LOW POWER CONSUMPTION, 10+ YEAR LIFECYCLE)
- BEST-IN-CLASS FOR ULTRA REMOTE FIELD APPLICATIONS
- OVER-THE-AIR CONFIG & UPDATE
- EXPANDABLE, CUSTOMIZABLE

GET IN TOUCH TO DISCUSS YOUR USE-CASE AT
SALES@TETRAEDRE.COM

WWW.TETRAEDRE.COM



DESCRIPTION

VERY VERSATILE 4G TELETRANSMITTER WITH MANY WIRED INTERFACES AND ALSO WMBUS (RADIO) AND LORA RECEPTION FEATURE. IT CAN BE EQUIPPED WITH SEVERAL EXTENSIONS BOARDS TO READ VARIOUS SYSTEMS, METERS AND PROBES.

INPUTS - OUTPUTS

- RS-485 MODBUS RTU
- RS-232 OPTICAL HEAD
- RS-232
- M-BUS
- SCR CODER
- IEC1107
- IMPULSE INPUT
- DIGITAL INPUT
- 4-20 mA INPUT AND OUTPUT
- DIGITAL OUTPUTS
- RELAY OUTPUTS
- DLMS
- 0-5 V INPUT
- 0-10 V INPUT

MEMORY

- 100'000 MEASUREMENTS
- REMOTE CONFIG UPDATE

TRANSMISSION

- TETRAEDRE MODCOM SYSTEM :
 - GSM 2G-3G-4G
 - ETHERNET
- LORALIGHT COMPATIBILITY
- VARIOUS SIM PLANS AVAILABLE

ENCLOSURE

- LENGTH 220 mm x WIDTH 120 mm x HEIGHT 91 mm (WITHOUT ANTENNAS)

POWER

- BATTERY POWERED (3.7 VDC/ 8 Ah)
- OPTIONAL BATTERY PACKS (16 Ah, 32 Ah)
- OPTIONAL EXTERNAL POWER SUPPLY INPUT: 5-35 VDC
- AUTONOMY : 3'000 CONNECTIONS (AROUND 10 YEARS AT 1 TRANSMISSION PER DAY WITH 8 Ah)
- AUTONOMY : 6'000 CONNECTIONS (AROUND 16 YEARS AT 1 TRANSMISSION PER DAY WITH 16 Ah)
- AUTONOMY : 12'000 CONNECTIONS (AROUND 25 YEARS AT 1 TRANSMISSION PER DAY WITH 32 Ah)

EXTENSIONS

- MODULE-TPL (TPL-211)
- MODULE-ANALOG
- MODULE-24CS
- MODULE-CO2/RADON
- EXT-ANALOG (2 PORTS)
- EXT-485 / 422
- EXT-CORRGAZ
- EXT-4CS / 8CS
- EXT-3PULSE
- EXT-ATM
- EXT-CODERI / 2
- EXT-GPS
- EXT-ISCO
- EXT-EXTENSO2 / 4

VERSIONS

- TRMC-19-F (FULL FEATURES)
- TRMC-19-RF (RADIO ONLY)
- TRMC-19-LCG1 (CORRGAZ ONLY), WITHOUT EXT-CORRGAZ
- TRMC-19-F-EXTENSO2 (FOR EXTENSOMETER), WITHOUT EXT-EXTENSO2

USE-CASES

- SCIENCE
 - GEOLOGY
 - HYDROLOGY
 - HYDROGEOLOGY
 - GEOTECHNICS
 - PISICULTURE
- ENERGY
 - GAS
 - WATER
 - ELECTRICITY
 - SOLAR
 - WASTE
 - ENERGY EFFICIENCY
- INDUSTRY
 - MONITORING
 - ALARM SYSTEMS
 - RADIATIONS

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