



THE DATALOGGER FOR SCIENTIFIC USE BATTERY-POWERED WITH INTEGRATED 2G-3G-4G

- RUGGED HARDWARE TO CONNECT ANY SAMPLER, FLOWMETER, FLUORIMETER OR PROBE
- BATTERY POWERED (LOW POWER CONSUMPTION, 10+ YEAR LIFECYCLE)
- BEST-IN-CLASS FOR ULTRA REMOTE FIELD APPLICATIONS
- REMOTE TRANSMISSION OF SOLITAX TURBIDITY SENSORS
- OVER-THE-AIR CONFIG & UPDATE
- EXPANDABLE, CUSTOMIZABLE

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

WWW.TETRAEDRE.COM



DESCRIPTION

THE TRMC-5 WAS SPECIALLY DESIGNED FOR SCIENTIFIC AND INDUSTRIAL APPLICATIONS. IT IS THE IDEAL TOOL FOR A CONTINUOUS OR TEMPORARY MONITORING OF SPRINGS, RIVERS OR FACILITIES. THE TRMC-5 POSSESSES THE CHARACTERISTICS WHICH WILL ALLOW YOU TO SET UP A SUCCESSFUL, AFFORDABLE AND OPEN NETWORK OF TELEMETRY.

INPUTS - OUTPUTS

- RS-485 MODBUS RTU
- RS-232
- SCR CODER
- IMPULSE INPUT
- DIGITAL INPUT
- 4-20 mA INPUT AND OUTPUT
- DIGITAL OUTPUTS
- RELAY OUTPUTS
- 0-5 V INPUT
- 0-10 V INPUT

MEMORY

- 100'000 MEASUREMENTS
- REMOTE CONFIG UPDATE

TRANSMISSION

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

ENCLOSURE

- LENGTH 260 mm x WIDTH 160 mm x HEIGHT 91 mm (WITHOUT ANTENNAS)

POWER

- BATTERY POWERED (12 VDC/ 7 Ah)
- OPTIONAL BATTERY PACKS (24 Ah)
- OPTIONAL EXTERNAL POWER SUPPLY 5-35V
- AUTONOMY : 3'000 CONNECTIONS (UP TO 10 YEARS AT 1 TRANSMISSION PER DAY WITH 7 Ah)

EXTENSIONS

- MODULE-TPL (TPL-211)
- MODULE-ANALOG
- MODULE-CO2/RADON
- EXT-ANALOG (2 PORTS)
- EXT-485 / 422
- EXT-4CS / 8CS
- EXT-GPS
- EXT-ISCO
- EXT-EXTENSO2 / 4

USE-CASES

- SCIENCE
 - GEOLOGY
 - HYDROLOGY
 - HYDROGEOLOGY

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