



### THE ESSENTIAL DATALOGGER PULSE/MODBUS, BATTERY-POWERED SMART METERING

- READS PULSE OR MODBUS UTILITIES METERS, LOGS AND TRANSMITS
- BATTERY POWERED (LOW POWER CONSUMPTION, 10+ YEAR LIFECYCLE)
- BEST-IN-CLASS FOR ULTRA REMOTE FIELD APPLICATIONS
- REMOTE OR OVER-THE-AIR CONFIG & UPDATE
- CUSTOMIZABLE

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

WWW.TETRAEDRE.COM



### DESCRIPTION

THE TRMC-7 IS A MULTI-PURPOSE DATA LOGGER, CAPABLE OF MEASURING VARIOUS TYPES OF SENSORS. THANKS TO HIS HIGH-ADAPTIBILITY, THE TRMC-7 CAN FOR EXAMPLE READS WATER-RELATED SENSORS SUCH AS FLOW OR WATER LEVEL PROBES.

### INPUTS - OUTPUTS

- RS-485 MODBUS RTU
- WIRED M-BUS MASTER
- IMPULSE INPUT
- DIGITAL INPUT

### MEMORY

- 100'000 MEASUREMENTS
- REMOTE CONFIG UPDATE

### TRANSMISSION

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

### ENCLOSURE

- LENGTH 160 mm x WIDTH 160 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 5-35V
- AUTONOMY : 3'000 CONNECTIONS (UP TO 10 YEARS AT 1 TRANSMISSION PER DAY WITH 8 Ah)

### USE-CASES

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

TETRAEDRE SARL  
RUE DES EPANCHEURS 34B  
2012 AUVERNIER  
SWITZERLAND  
TEL +41 32 730 61 51  
SALES@TETRAEDRE.COM