



TOR-6R

Iridium Satellite Data Logger



THE TOR-6R DATA LOGGER OFFERS A WIDE RANGE OF INPUT TYPES INCLUDING MODBUS.

A COMPACT DESIGN ALLOWS IT TO FIT INTO EXISTING CABINETS.

THE USE OF IRIDIUM MEANS IT IS ABLE TO REPORT DATA FROM REMOTE LOCATIONS THAT WERE PREVIOUSLY UNAVAILABLE.

APPLICATIONS

| APPLICATIONS | | | | |
|-----------------|-----------------|----------------|-------------------------------|----------------|
| Flow Monitoring | Reservoir Level | Borehole Level | River Level/ Water Quality | Remote Sensors |

SEE MORE INFORMATION OVERLEAF...

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Iridium Satellite Data Logger

SPECIFICATION

| | |
|----------------|---|
| Power | 12V DC Input – Renewables |
| Memory | 16 MB Non-volatile 320,000 records Min, Average and Max support Cyclic or Stop when full |
| Inputs | Up to 2 Pulse/Events 1 Event Input 1 Voltage (0.5V – 4.5V) 1 Current (0 – 24mA) Modbus Master |
| Connectors | Terminals via 2 PG7 Glands |
| Modem | Iridium SBD modem |
| Communications | Iridium SBD Remote configuration USB to Mini USB |
| Alarms | Multiple High/Low Fastline |
| Clock | Real time clock with leap year adjustment |
| Schedules | 5 minute to 24 hour logging interval Configurable transmission schedule |
| Environmental | IP67 -20°C to 70°C |
| Weight | 250g |
| Software | Data Logger Configuration Software SmartChart (Web and PC) |

OPTIONS/ORDERING CODES

| | | | | |
|---------------|--|----|---|---|
| | | A | | B |
| T6R | – | X | – | X |
| Iridium Modem | | IR | | |
| None | | | | X |
| Examples | | | | |
| T6R-IR-X | Standard Iridium Modem, 3 Digital, 1 Voltage, 1 Current, Modbus | | | |

ACCESSORIES

| Part Number | Description |
|--------------|-------------------------------|
| TOR-SUB-0020 | USB – Mini USB Cable |
| TOR-SUB-0021 | Iridium Modem Extension Cable |
| TOR-ASM-0020 | 40W Vertical Turbine |
| TOR-PRT-0025 | Pole Mounting Kit |
| TOR-PRT-0026 | Mounting Kit |

DIMENSIONS (MM)



TOR DATA LOGGER RANGE

| Model Number | Description |
|--------------|---|
| TOR-1M | Compact Flow Data Logger |
| TOR-1S | SMS/GPRS Flow Data Logger |
| TOR-2S | SMS/GPRS Single Pressure Data Logger |
| TOR-4M | Compact Flow and Pressure Data Logger |
| TOR-4S | SMS/GPRS Flow and Pressure Data Logger |
| TOR-5S | SMS/GPRS Flow and Dual Pressure Data Logger |