

TOR-3N

Future Ready Dual Channel Analogue Data Logger



DUAL CHANNEL ANALOGUE DATA LOGGER
USED FOR MONITORING, RECORDING AND
TRANSMITTING THROUGH NB-IOT, LTE-M
OR 2G (SMS/GPRS)

Applications

- | | |
|------------------|-------------------|
| + PRV Monitoring | + Reservoir Level |
| + Borehole Level | + River Level |



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Specifications

Power

2x Lithium battery (7.2V, 13Ah)
>5 years life under typical usage
External battery (optional)

Memory

16MB Non-volatile
320,000 records
Cyclic or Stop when full

Inputs

1 x Current – 4–20mA, 1x Voltage – 0.5–4.5V
External transducer supply 5V–12V

Connectors

2 x Souriau

Modem

NB-IoT/LTE-M with 2G fallback
Low Power

Communications

SMS/Data to server
Remote firmware upgrades and configuration
Internal antenna
SMA external antenna connection
USB to serial configuration

Alarms

Multiple High/Low
Fastlane and human readable SMS
10 Profile alarms

Clock

Auto correction on server connection

Schedules

1 second to 24 hour logging intervals
Configurable transmission schedules

Environmental

IP68 –20°C to 70°C

Weight

750g

Software

TOR Configuration Software
AquaGuard – Online Portal

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Options/Ordering codes

			A		B
	TOR-3N	-	X	-	X
No Modem NB-IoT/ LTE-M Internal Antenna			L NBE		
Examples					
TOR-3N-L	No Modem, 2 x Analogue				
TOR-3N-NBE	NB-IoT/ LTE-M Modem, Internal Antenna, 2 x Analogue				

Accessories

Part Number	Description
ACC-COMM-003	USB Communication Cable
ACC-CAB-006	4 Pin Souriau Flying Input Lead – 1.5m
BATT-LD6	114Ah External Battery Pack
ACC-PRT-036	Wall Mounting Bracket
ACC-PRT-045	Meter Pit Hanging Bracket
ACC-ANT-009	External Antenna 0.5m cable
ACC-PRT-012	External Antenna Mounting Bracket

Dimensions (mm)

