XiLOG 4G

This advanced, robust data logger transfers data reliably and securely over a wide range of communications networks

COMMUNICATIONS

Transmission options	4G / 3G / 2G
Antenna	External antenna options.
Transmission frequency	Down to every 5 minutes
SIM type	User accessible NANO Sim
Direct connection	Bluetooth

LOGGING

Memory size	4GB
Data types	Average, minimum, maximum, standard deviation
Logging mode	Data Transmission to cloud and Manual download to App
Sample intervals	1-minute, 5-minute, 15-minute average, 24-Hour Totals

DIGITAL INPUT

No. of digital inputs	2
Max pulse frequency	1000 Hz
Logging modes	Average flow rate or volume
Meter index	Digital totaliser
Bi-direction/Combination	Option to combine two independent pulse streams into a single logged value

INTERNAL PRESSURE

No. of internal pressure transducers	2
Internal pressure range	0-20 Bar
Accuracy	±0.1% of full range
Connection	Male quick release

ANALOGUE INPUT OPTIONS

No. of 0-20 mA	1
No. of 0-2V/0-5V/0-10V	1
Accuracy	±0.1% of full range
Resolution	±0.025% (12 bit)

BATTERY

Internal battery	3.6 V
Battery chemistry	Lithium Thionyl Chloride (non rechargeable)
Battery life	5 years based on 15 min data sending once per day in adequate signal conditions

ENVIRONMENTAL

Operating temperature	-20 C to 60 C (0 deg C internal pressure transducers)
Maximum humidity	99% relative humidity
Ingress protection	IP68 (fully submersible to depth of 1m)

PHYSICAL

Dimensions	100 x 160 x 44 mm (external aerial only)
Weight	530g
Material body	Extruded 6063 Aluminium
Material end caps	30% glass filled polypropylene