



# Water Leak Detector for Buildings

## Protecting Your Assets Through Technology Innovation



iPERL, a breakthrough technology that defines a smarter future



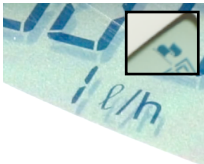
### Detecting leakage down to 2 drops per second!

iPERL - the new data end-point standard fully enabled for a new era

Preventing property damage by detecting water leakage when it starts

iPERL offers real-time monitoring of water pipes for leakage detection, data analysis of consumption data, remote reading, supply optimization and much more...

\*Leak alarm flag. Minimum measurement at 1 litre/hour



#### KEY FEATURE

- EM technology
- built-in data logger
- No moving parts (Durable)
- Internal battery for 15 years
- IP68
- Auto detect flow direction
- No length limitation in installation
- Alarm via GSM / GPRS

#### USAGE

- apartments
- hotel rooms
- casino
- shopping mall
- data center
- warehouse
- studio
- computer rooms
- consumption study

#### SIMPLE

iPERL is founded on complete and simple life-cycle principles. From the selection of the network fitting sizes for the end-point, through to delivery and usage experience and on to disposal, the technology has been designed with simplicity, productivity and sustainability in mind.

#### ACCURATE

iPERL accuracy offers real value throughout its wide detection range independent of water quality, network pressure or piping section modifications. No other current technology can match iPERL.

#### LONG LASTING

iPERL delivers its core values throughout its complete life-cycle. Its innovative detecting technology assures iPERL's enduring accuracy in the field, delivering a continuous data stream.



# A PRODUCT for the water NETWORK

## RELIABILITY

Extreme testing conditions, an innovative mechanical design, extensive Sensus experience and the blending of state-of-the-art technologies ensure that iPERL complies with T50 requirements, creating a unique, robust and long-lasting water data end-point.

## CONTROLLED ACCURACY

As installation points are not always ideal, iPERL has been designed for installation in any orientation, independent of flow direction and with no effect on metrological performance

## ENVIRONMENTAL

iPERL is fully protected against all water network hazards. It is built to accommodate interior and exterior installations. It is IP68 rated and fully protected against water vapour transmissions that would occur with the presence of any air.

## APPROVALS

EC type-examination certificate

In conformity with

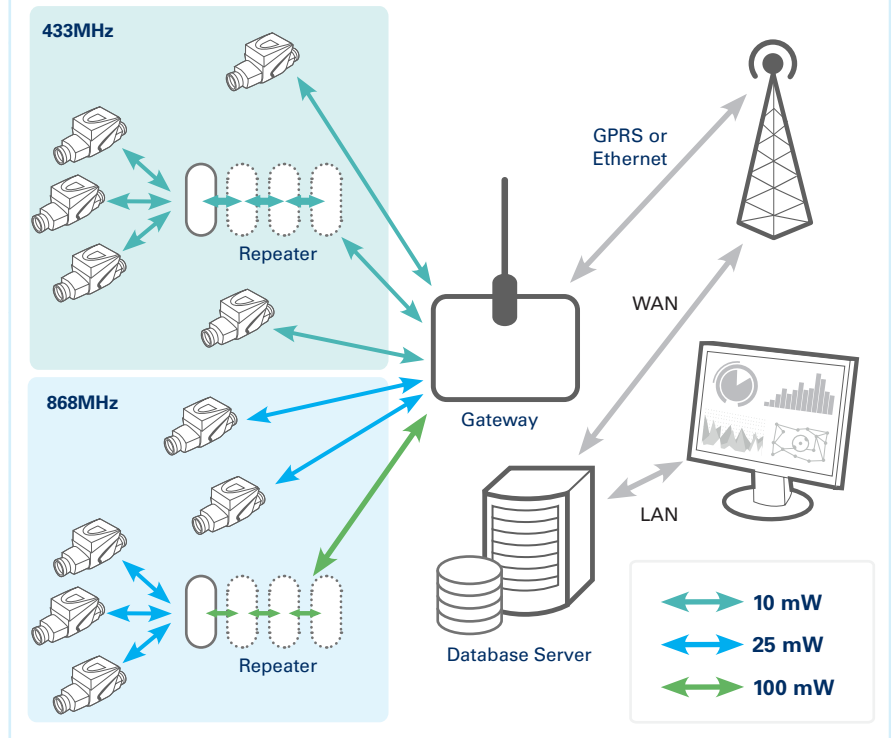
- 2004/22/EC (MID)
- EN 14154:2007
- OIML R49:2006

Certificate of Compliance For Potable Drinking Water

In conformity with

- KTW / DVGW (D)

## iPERL Fixed radio/GSM network - Remote Access & Monitoring



#	Street	Meter ID	Fab. No.	Customer	Location	Site ID
0	Inglewood Drive			Meter Cover	Under metal meter cover	1116
0	Inglewood Drive			Flow Rig	On training flow rig	1115
0	Inglewood Drive			Tool Box	in metal tool box	1118
0	Inglewood Drive			Mr Bucket	Submersed in bucket of water	1117
0	Inglewood Drive			Colin Kirkland	Colin's Office	1112
0	Inglewood Drive			Michael Harrison	In Michael's office	1111
0	Inglewood Drive			Storage Room	In storage room	1114
0	Inglewood Drive			Lunch Room	Under sink in lunch room	1113
						<b>Progress</b>
						Connecting SIRT...
						Drive-by demonstration

## DIMENSIONS

mm	L	H	h	B1	B2
DN15	110 - 145	120	26.5	92.5	104
	165 - 170				
DN20	105 - 115			92.5	104
	153 - 190				

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