

# Integrated measuring systems for the whole water cycle



DRINKING WATER



SURFACE WATER



GROUNDWATER



WASTEWATER

## SMS/GPRS Data Logger

# Octopus LX



5 year battery life

Flow, Pressure, 4-20 mA,  
Events, States

GSM/SMS-GPRS Internal Modem

Winfluid s/w



# HYDREKA

[www.hydreka.fr](http://www.hydreka.fr)

## Application

- District and zone monitoring, overflow and rainfall survey.
- Level and pressure monitoring (Water system, underground and surface water).
- Flow monitoring. Can be connected to a wide range of flowmeters.

## Main features

- Battery powered, IP68 submersible.
- Memory 65536 readings.
- Up to 3 input channels ; 2 single or 1 bi-directional (pulse, event and state data) and 1 internal or external pressure channel (4-20 mA passive input as an option).
- Local data download into Laptop, PC or PDA. Remote communication via SMS or GPRS.
- Interfaced with WinFluid s/w.



## Technical specifications

Inputs (up to 3)	Digital	2 Single or 1 bi-directional pulse count for all types of water meters or flowmeters. Event and state input as well. Up to 64 pulses per second.
	Analogue	Internal pressure sensor from 0 to 20 bars. External pressure input. 4-20 mA passive.
Logging Features	LED	GSM Modem status LED/Flow pulse test mode.
	Memory	65536 readings available. Cyclic or blocked mode programmable.
	Sampling rate	Fixed 15 minutes sample rate as standard (1 SMS/day per 2 ch). Variable sample rate 1 min to 24 hours as an option.
	RTC	Date/Time with automated adjustment to GSM/GPRS network time.
	Connectors	IP 68 military connectors, waterproof.
	Alarm dial-out	High/Low, out of band alarms independently programmable on each channel (Flow, overflow, rain, pressure or level). Auto dial up to several numbers on alarm.
Communication	Logger ID	8 alphanumeric characters
	Modem GSM/SMS	Internal quad band modem 850/900/1800/1900 MHz. External or internal antenna.
	Local	RS232/IR for communication with PC, PDA.
Physical	Software	Interfaced with WinFluid, WinFluid Mobile.
	Dimensions and weight	Height 105 x105x105 - Weight : 0,6 Kg.
	Material	Reinforced ABS.
	Functioning temperature	- 20 °C à + 70 °C.
	Protection class	IP68 submersible.
Power supply	Power supply	2 "D" type lithium batteries. Up to 5 years for one daily SMS/communication. Battery level information.

Products available to rent or buy. Please contact us for more information.



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