

# Octopus/Vista+

## Multi Parameter Environmental Logging

ENVIRONMENTAL MONITORING

PRESSURE CONTROL

LEAK DETECTION

DATA LOGGING

FLOW MEASUREMENT



- Rugged and fully submersible unit.
- Five year battery life.
- Dedicated Winfluid software (PC and PDA compatible).
- Switch Output.
- Multiple telemetry options.
- Local display (Vista+ only).
- GSM and PSTN outputs (Octopus)
- Remote programming.
- Multi-sensor compatibility.

### MULTIPLE APPLICATIONS

- Level monitoring of rivers, tanks, reservoirs, open channels etc.
- Open channel flow monitoring.
- Overflow monitoring.
- Pump activity monitoring.
- Network pressure monitoring.
- Rain Gauge.
- Driving and logging samplers.



Fluid Conservation Systems has introduced two data loggers specifically designed for Multi-Parameter Environmental Logging Applications. Both units combine 20 years of application experience at Hydreka S.A. with the unique data logging hardware experience of Radcom Technologies.



When deployed with 'Winfluid' Software the loggers offer ease of use whilst providing results across a wide range of applications. The power and the simplicity of the software enables easy configuration of multiple sensors and automatic conversion algorithms to give immediate usable data.

The Vista Plus is a manual download logger with advanced specification and a local display to give multiple input compatibility, local display and PDA and PC software compatibility. It also features a local display and can be programmed with conversion tables via Winfluid to show conversion data, for example from depth to flow.

The Octopus telemetry logger additionally features multiple telemetry options with GSM, PSTN Landline, together with a switch output to drive additional equipment such as samplers to extend applications.

*All of this is supported by FCS's unrivalled reputation for customer support by highly experienced personnel.*



For more information call (513) 831-9335  
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# Octopus/Vista+

Multi Parameter  
Environmental Logging

FLOW MEASUREMENT DATA LOGGING LEAK DETECTION PRESSURE CONTROL ENVIRONMENTAL MONITORING

LoLog Vista Plus					
Inputs Two Channels	Digital	Unidirectional Count: 60Hz maximum			
		Event (rain-gauge)			
		State (overflow, pump clamps)			
	Analogue	Internal Pressure Sensor 10-20 Bar			
		External Pressure Sensor 150 mB to 20 Bars			
0-20 mA, 4-20 mA 0-1 V, 0-5 V					
Logger Specification	Memory	49152 readings based on start/stop threshold			
	Logging Period	1 second to 24 hours. Instantaneous or average/delayed start			
	Display	Real time display of flow, pressure, level, state, event, level to flow conversions			
Communications	Local	Infra Red 9600 bauds			
	Software	Winfluid			
Physical	Dimensions	160 L X 108 W X 45 H / 0.8 kg			
	Material / Protection	Die cast aluminum / IP 68 submersible			
	Temperature:	- 20 °C with + 70 °C			
	Power	5 year ion-lithium internal batteries. Minimum 5 years battery life at 1 minute logging.			
Octopus					
Inputs	Digital (1 or 2 options)	Count single or bidirectional (500 Hz max). Compatible with all flow meters	Direct Link #	Land Line #	GSM #
		State, Event, Frequency	#	#	#
	Analogue (1 option)	Pressure sensor for level (25, 50, 100 mV). Internal pressure: 10, 16, 20 Bars. External pressure: 150 mbar, 350 mbar, 1Bar	#	#	#
		20 my, 4-20 passive or active (powered by logger) Input signal tension (2.5, 5, 10 V)	#	#	#
Outputs	Contact	2 relay outputs (1 A at 30 V). Driving samplers.	#	#	#
Logger Details	Memory	65,536 samples by channel, start/stop or barrel memory. Instantaneous or averaging, differed start programmed stop	#	#	#
	Logging Period	1 second to 24 hours.	#	#	#
	Alarms	Autocall alarm by single exception or profile		#	#
Communication	Room	RS232. 19,200 bauds	#	#	#
	Landline	Internal modem.		#	
	GSM	Internal Dual or Quad bands			#
	Software	Winfluid	#	#	#
Physical	Dimensions	195 L X 120 W X 70 H / 1.6 kg	#		
		235 L X 145 W X 80 H / 2.4 kg		#	#
	Material / Protection	Die cast aluminum / IP68 submersible	#	#	#
	Operating Temp	- 20 °C with + 70 °C	#	#	#
	Battery	Internal lithium ion batteries, giving 5 years typical life at 15 minute logging. Optional external power through RS232 port.	#	#	#

## Fluid Conservation Systems

a Division of Palmer Environmental

502 TechCenter Drive, Suite B, Millford, Ohio 45150 USA

Tel: (513) 831-9335/(800) 531-5465 Fax: (513) 831-9336

fcsinfo@fluidconservation.com

www.fluidconservation.com

FCS reserve the right to change the specification  
of any product without prior notice.