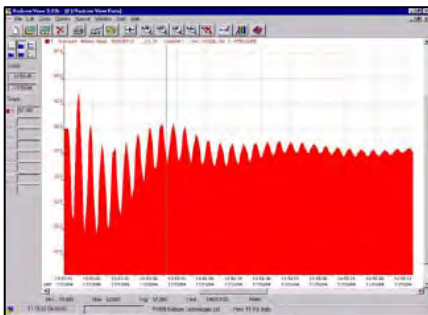




### KEY BENEFITS

- Large internal memory – up to 8 million readings depending on sample rate and pressure variations.
- Fast logging capability – up to 25 times per second makes it ideal for monitoring rapid changes.
- Specialist logger for measuring water hammer.
- Completely submersible.
- Will require no maintenance for at least 5 years.
- 5 year battery life.
- Portable.
- Specialist software supplied to enable detailed analysis.



Graph showing typical Rad Log Transient View software display showing pressure input from a Pressure Transient data logger

The Pressure Transient Logger is a specialised data logger for monitoring rapid pressure changes in water pipe systems. (e.g. Water Hammer) It is supplied in portable mode only.

Pressure Transient Loggers are completely waterproof, submersible and battery powered and will require no maintenance for at least five years. It features a large internal memory and fast logging capability to ensure that it captures the data you need.

Pressure transient spikes are a major cause of bursts and the associated expense of repair, water lost and interruptions to supply. Conventional loggers do not log rapidly enough to identify these transients which often last only seconds. The Pressure Transient Logger can log data up to 25 times per second.

The Pressure Transient Logger is ideal for monitoring pressure waves generated by Pumps, Pressure Reducing Valves and other valves in pipe systems. It is supplied with one input for an external pressure transducer. Alternative pressure transducers can be supplied for special applications.

Please note that external pressure sensors should preferably be located within 10 meters of the logger.

All of Halma Water Management's range of Radcom data loggers and controllers are compatible with Radlog for Windows™, the industry standard for data trending, reporting, analysis and archiving. In addition, specialist "Transient View" analysis software is capable of windowing down to one sample.

5 YEAR  
BATTERY  
LIFE

PORTABLE

USER  
FRIENDLY  
DESIGN

LOW  
COST UNIT



Halma Water Management

Call +44 (0) 1633 489479  
or visit [www.hwm-water.com](http://www.hwm-water.com)

Company is ISO 9001 Registered No.06134A

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Sensor Input	Analogue	External Pressure Transducer.
		Supplied with quick fit connector.
		0-35 bar, accuracy $\pm 0.25\%$
Logging Features	Memory	Recording up to 8,000,000 readings samples depending on sample rate and pressure variations. Can read continuously (cyclic mode) or period of time (block).
	Frequency	1, 5, 10, 20 and 25 samples per second.
	Logger ID	Up to 7 alphanumeric characters
	Clock	On board 24 hour real time clock with date facility.
Communications	Serial	RS232 by MIL connector for connection to laptop or desktop PC.
		115,200 Baud.
Physical	Dimensions	195H x 120W x 70D mm (7.7"H x 4.7"W x 2.8"D)
	Construction	Die-cast aluminium enclosure, powdercoat spray painted
	Weight	1.6 Kg (3.5 lb)
	Operating Temp	-20 to +70°C (-5 to +160°F)
	Ingress protection	IP68 submersible
	Power	Lithium-ion cell operational for 5 years under normal operating conditions. Warranted for continuous operation of up to five years. Low battery alarm in data packet when downloaded



Kit version includes:

1. Data Logger
2. Pressure transducer with quick fit connector
3. Download Lead
4. 32 bit Windows based "Pressure Transient" analysis software providing full Graphical and Tabular displays on PC or Laptop computer.
5. Documentation
6. Aluminium Case

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