



# Multi Log IP54™

## TECHNICAL DATA

Sensor Input Options	Digital	Uni- or bi-directional pulse. Instrument powered or non-powered sensors eg PD100. Up to 128 pulses per second.
	Analogue	Internal Pressure Transducer 0-20 bar / 0-200 metres head / 0-300 psig, accuracy $\pm 0.25\%$
		External Pressure Transducer (volt) or Transmitter (mA) 0-20 bar / 0-200 metres head / 0-300 psig, accuracy $\pm 0.1\%$
		4-20mA from isolated sensor. 0-1v, 1-5v, or 0-100mV.
Logging Features	Memory	Primary recording 48,720 readings. (memory expandable to 245,280 readings on request) Can be programmed to read continuously (cyclic mode) or for a specific period of time (block). Secondary recording 6,144 readings.
	Frequency	1 – 59 seconds, 1 – 59 minutes, 1 – 24 hours settings independent for primary and secondary channel.
	Alarms	Minimum or maximum duration-triggered threshold alarm per channel. 16 Alarms per logger. Each alarm out comment field 16 characters. Can be programmed to auto dial up to 16 telephone numbers on alarm with telemetry option (ie 1 per alarm)
	Logger ID	Up to 8 alphanumeric characters – can be programmed with GIS number. Also readable factory set serial number in firmware.
	Site ID	Up to 127 alphanumeric characters.
	Clock	On board 24 hour real time clock with date facility.
	Secondary channel	Can be programmed to record either fast data, average minimum, average maximum or time interval between pulses (for data smoothing).
	Count & Event Logging Modes	Count and Event logging modes independent for both recordings
	Communications	Serial
Internal modem (optional)		2,400 Baud Optional PSTN land line internal modem
External GSM Modem (optional)		9,600 Baud 2-way GSM Cellular modem. (Optional Pager) <i>See RadNetGSM or MultiLogGSM data sheet for more information</i>
Physical	Dimensions	170H x 140W x 100D mm (6.7"H x 5.5"W x 3.9"D)
	Construction	ABS Plastic enclosure.
	Weight	1.0 Kg (2.2 lb)
	Operating temperature	-20 to +70°C (-5 to +160°F)
	Ingress protection	IP54 splash resistant
	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.

R	D	L	6			L	/	i/p 1	i/p 2	i/p 3	i/p 4	/	IP54
---	---	---	---	--	--	---	---	-------	-------	-------	-------	---	------

1= Portable  
2= PSTN modem

1= 1 input  
2= 2 inputs  
3= 3 inputs  
4= 4 inputs

1= digital pulse input  
2= 0-1 volt input  
3= external pressure  
5= 4-20mA  
6= internal pressure

18/09/2003MLF

Due to our policy of continuous product development Radcom reserves the right to change specifications without notice.

Radcom Technologies Ltd  
32 Mount Pleasant Ind Park • Southampton SO14 0SP • UK  
Tel: (0)23 80 682 300 • Fax: (0)23 80 682 330  
www.radcom.co.uk

Radcom Technologies Inc  
150-L New Boston Street • Woburn MA 01801 • USA  
Tel: 781 938 6663 • Fax: 781 938 5553  
www.radcom-usa.com

