

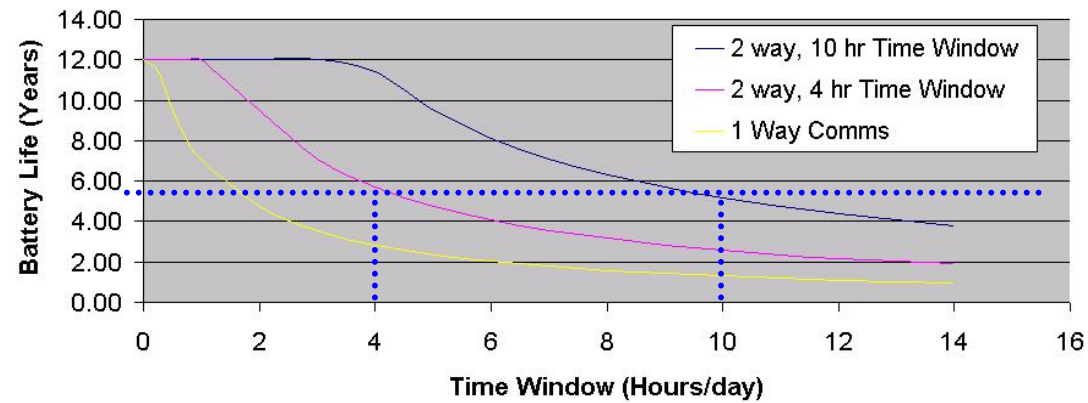
RADCOM – MultiLog Data Loggers

GSM Battery Life:-

Radcom have developed a very low power consumption GSM communications solution within a small data logger case which can offer up to 10 hours of live time per 24 hour day (known as Time Windows) when the system can accept calls from an office PC or server, whilst maintaining a battery life of 5 years. With replacement batteries the GSM data logging system can achieve an extremely low cost of ownership over a potential 20 year service life.

The MultiLogGSM data logger can be programmed by the user to have up to 8 Time Windows per day, each with a minimum of ¼ hour duration. The Total number of live listening hours (ie. Time Window hours per day) has an effect on the integral battery life as defined in the following table:-

MultiLogGSM Battery Life



The above graph indicates the battery life of three MultiLogGSM product versions.

“RCI” Radcom’s basic SMS/GSM communications product is intended to call out once per 24 hour period, and has a battery pack which may be exhausted prematurely if more than 2 hour Time Windows are used.

“RCI 2” Our 2 Way, 4 hour Time Window product has again a 5 year battery life, but offers the versatile and flexible Time Window facility, to enable the user to call the logger for data updates etc during the 24 hour day.

“RCI 4” The 2 Way, 10 hour Time Window product has greater Time Window duration whilst maintaining the 5 year battery life. The 10 hour Time Windows should be sufficient for most critical applications, demanding unscheduled updates of data from the data logger.

R	D	L	6	6	L	/	i/p 1	i/p 2	i/p 3	i/p 4	/	
			1= 1 input	2= 0-1 volt input	SMS = SMS, call out once / 24 hours							
			2= 2 inputs	3= external pressure	RCI = GSM, call out once / 24 hours							
			3= 3 inputs	5= 4-20mA	RCI 2 = GSM, call in 4hr time window /day							
			4= 4 inputs	6= internal pressure	RCI 4 = GSM, call in 10hr time window /day							
					RCI P = Pager wakeup, call in any time 24hrs							

20/05/2003MLF Due to our policy of continuous product development Radcom reserves the right to change specifications without notice

RADCOM – MultiLog Data Loggers

Advanced “MultiLog” datalogging units from RADCOM TECHNOLOGIES for monitoring any combination of digital or analogue signals. Additional “fast sampling” facility can be supplied in portable mode or with a PSTN modem or GSM/SMS mobile telemetry link.

MultiLog Data Loggers:-

Portable RDL 614L/xxxx
(Local communications only)

PSTN Telemetry RDL 624L/xxxx
(2 way land line communications)

SMS Telemetry RDL 662L/xx SMS (Text messaging telemetry)
(Limited 2 way SMS communications)

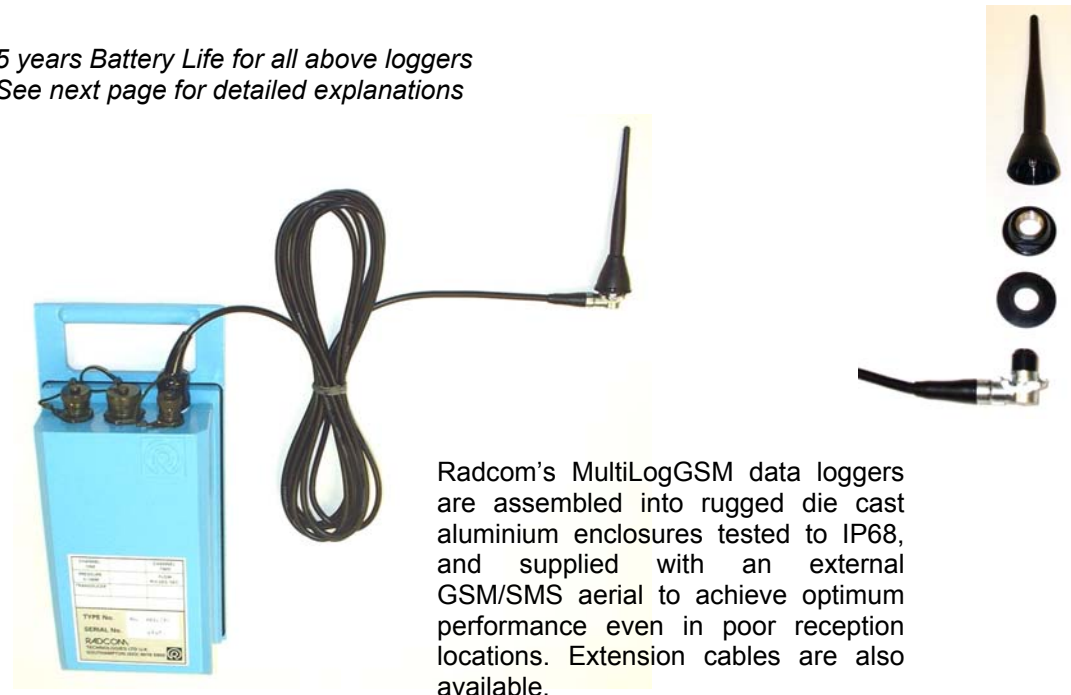
GSM Telemetry RDL 662L/xx RCI (Real time telemetry)
(2 way GSM comms with 2 hr Time Windows /day)

RDL 664L/xxxx RCI 2
(2 way GSM comms with 4 hr Time Windows /day)

RDL 664L/xxxx RCI 4
(2 way GSM comms with 10 hr Time Windows /day)

Pager GSM Telemetry RDL 664L/xxxx RCI P
(2 way GSM comms with 24 hr Access)

5 years Battery Life for all above loggers
See next page for detailed explanations



Radcom’s MultiLogGSM data loggers are assembled into rugged die cast aluminium enclosures tested to IP68, and supplied with an external GSM/SMS aerial to achieve optimum performance even in poor reception locations. Extension cables are also available.

Refer to individual Data Sheets for further details on particular products

