

Monitoring Devices



**Pacific Science &
Technology®, Inc.**

SmartLogger Specifications

Time-Of-Use (TOU) Specifications

Size.....	1" x 2" x 4"
Weight.....	4 ounces
Mounting.....	Lighting Logger™ - Magnetic Strip with 32 oz. pull; All others come with velcro strip
Display.....	2 digit LCD display ("ON" when recording, blank when "OFF")
Units.....	Time stamps record in month, day, year, hour, minute, and second internally in the logger
Power.....	Battery, factory installed with 10 year lifetime
Operating Environment.....	0°C to 60°C, non-condensing humidity
Memory Capacity.....	8,192 records, ring memory
Communication.....	RS-232 using the SmartLogger™ Interface Cable
Resolution.....	One second
Sensitivity.....	Lighting Logger™ - adjustable to various levels; Motor Logger™ - above 40mGauss; CT Logger™ - above 1/4 amp
Accuracy.....	Better than one minute per month
Data Analysis.....	Software provides statistics, graphs, and the ability to export to spread sheet programs or ASCII & PCX formats
Warranty.....	One year

Run-Time- (RTC) Specifications

Size.....	1" x 2" x 4"
Weight.....	4 ounces
Mounting.....	Lighting Logger™ - Magnetic Strip with 32 oz. pull; All others come with velcro strip
Display.....	Large 5 digit LCD
Units.....	Hours, minutes, or counts
Power.....	Battery, factory installed with 10 year lifetime
Operating Environment.....	0°C to 60°C, non-condensing humidity
Memory Capacity.....	9,999.9 hours in increments of hours, tenths of hours, hundredths of hours, or tenths of minutes
Communication.....	Time read directly off display of face of logger
Resolution.....	One tenth of a minute
Sensitivity.....	Lighting Logger™ - adjustable to various levels; Motor Logger™ - above 40mGauss; CT Logger™ - above 1/4 amp
Accuracy.....	Crystal controlled; better than one minute per month
Warranty.....	One year

Time-Of-Use (TOU) SmartLoggers™ detect the actual time a device turns on and off. The on/off transition times are stored in the logger and the data are retrieved using the TOU SmartWare™ software.