

## SpotSee® Temperature Data Loggers

SpotSee's temperature data logging solutions provide accurate recording of temperature situations for when every degree matters. With product lines that measure temperatures from -80°C to +72°C it is important to deploy the right solution for sensitive shipments like biologics, vaccines, chemicals, pharmaceuticals, food and ultra-frozen products that require temperature validation to ensure their safety and quality.



### MaxiLog Alert and MaxiLog Alert -80C

In a convenient palm-sized design, the MaxiLog Alert series combines robust temperature monitoring with simple data retrieval via built-in USB interface with direct download to software. Available for standard and low temperature monitoring, these single and multi-use loggers are complete with options to customize start time delay, sampling intervals, high and low alarm values, alarm type and measurement data.

#### Standard Temperature Item Numbers:

8018-S MaxiLog Alert Single-Use | 8018-M MaxiLog Alert Multi-Use

#### Standard Temperature Range:

-29°C to +72°C / -20°F to +162°F

#### Low Temperature (Dry Ice) Item Numbers:

8114-S MaxiLog Alert -80C Single-Use | 8114-M MaxiLog Alert -80C Multi-Use

#### Low Temperature Range:

-80°C to +30°C / -113°F to +86°F

#### Memory:

32K

#### Software:

c/temp+ (read only) | MDAS Pro (user configurable) | 21 CFR-DB  
(21 CFR Part 11 Compliant)



### MaxiLog PDF

A single-use, 90-day temperature data logger with USB connectivity and PDF reports. This logger is completely pre-programmed with a standard start delay of 30 minutes to allow the logger to adjust to the internal temperatures of the cargo being shipped - perfect for use in cold chain applications in the life science and food industries where refrigerated products require temperature validation. This unit is ideal to fit inside small packages, and automatically downloads the data to a graph summary upon plug in.

#### Item Numbers:

7050-G2 MaxiLog PDF V3 Temperature Data Logger

#### Memory:

14K

#### Temperature Range:

-30°C to +70°C / -22°F to +158°F

	<b>SpotSee</b> 8018-S MaxiLog Alert Single-Use 8018-M MaxiLog Alert Multi-Use	<b>SpotSee</b> 8114-S MaxiLog Alert -80C Single-Use 8114-M MaxiLog Alert -80C Multi-Use	<b>SpotSee</b> 7050-G2 MaxiLog
<b>Recording Type</b>	Single-Use (may be overwritten prior to starting unit), Multi-Use	Single-Use (may be overwritten prior to starting unit), Multi-Use	Single Use
<b>Temperature Measurement Range</b>	-29°C to +72°C / -20°F to +162°F	-80°C to +30°C / -113°F to +86°F	-30°C to +70°C / -22°F to +158°F
<b>Temperature Accuracy Range</b>	±0.2°C at 0°C to 10°C, ±0.9°C at extremes / ±.36°F at 32°F to 50°F, ±1.8°F at extremes	±0.5°C at 0°C to 10°C, ±2.0°C at extremes / ±0.9°F at 32°F to 50°F, ±3.6°F at extremes	±0.3°C / 0.54°F
<b>Temperature Resolution</b>	0.1°C / 1.8°F	0.1°C / 1.8°F	0.1°C / 1.8°F
<b>Data Storage Capacity</b>	32K data points	32K data points	14K data points (14400)
<b>Battery Life / Type</b>	CR2032 Lithium coin cell, 1 yr operating life, 3 yr shelf life	ER 2450T Lithium coin cell, 1 yr operating life, 3 yr shelf life	CR2032 Lithium coin cell, 18 month shelf life
<b>Data Sampling Interval</b>	2 seconds to 36 hours	2 seconds to 36 hours	10 Minutes
<b>Start Up Delay</b>	2 seconds to 36 hours	2 seconds to 36 hours	30 Minutes
<b>Alarm Programming</b>	Programmable high and low limits. Alarm triggered when limits are exceeded for specified time period.	Programmable high and low limits. Alarm triggered when limits are exceeded for specified time period.	Programmable high and low limits. Alarm triggered when limits exceeded.
<b>Alarm Modes</b>	Exceed Limit, Continuous Interval, Cumulative	Exceed Limit, Continuous Interval, Cumulative	Exceed Limit
<b>Alarm Reset Options</b>	Single Use: No reset option Multi-Use: Alarm is reset when logger is erased and reprogrammed	Single Use: No reset option Multi-Use: Alarm is reset when logger is erased and reprogrammed	Single Use: No reset option
<b>Alarm Notifications</b>	Red LED flashes when alarm has been triggered	Red LED flashes when alarm has been triggered	Red LED flashes when alarm has been triggered
<b>Indicators</b>	LED Indicators: on/recording (green), alarm (red flash)	LED Indicators: on/recording (green), alarm (red flash)	LED Indicators: on/recording (green), alarm (red flash)
<b>Start Up Options</b>	Push button automatic start with optional delay	Push button automatic start with optional delay	Push button: Start/Mark/Stop
<b>Dimensions</b>	8.8 cm (l) x 3.49 cm (w) x 1.58 cm (h) / 3.5 in (l) x 1.38 in (w) x 0.62 in (h)	8.8 cm (l) x 3.49 cm (w) x 1.58 cm (h) / 3.5 in (l) x 1.38 in (w) x 0.62 in (h)	94 mm (h) x 20 mm (w) x 7 mm (h) / 3.7 in (l) x 0.8 in (w) x 0.27 in (h)
<b>Weight</b>	65 g / 3.0 oz	65 g / 3.0 oz	10.6 g / 0.37 oz.
<b>Quality Assurance Certifications</b>	CE, UKCA, RTCA, NIST Traceable Certificate of Calibration, IP67 and RoHS compliant	CE, UKCA, RTCA, NIST Traceable Certificate of Calibration, IP67 and RoHS compliant	CE, UKCA, RTCA, NIST Traceable Certificate of Calibration, IP67 and RoHS compliant
<b>Minimum System Requirements</b>	Windows XP, Vista: 7, 8 and 10	Windows XP, Vista: 7, 8 and 10	Windows XP, Vista: 7, 8 and 10, MAC and Android
<b>Required Software</b>	c:\temp+ (read only)   MDAS-Pro, 21 CFR (user configurable)	c:\temp+ (read only)   MDAS-Pro, 21 CFR (user configurable)	PDF Reader
<b>Computer Interface</b>	USB A, built-in interface	USB A, built-in interface	USB A, built-in interface
<b>Warranty</b>	1 Year	1 Year	1 Year
<b>Ship Air, Ground, Ocean in Accordance with</b>	UN 3091, Packing Instruction 970 Section II - Excepted Lithium Metal and Lithium Alloy Cells and Batteries; IATA DG, IMDG Special Provision 188.1; U.S. per 49 CFR §173.185, Canada per TDG Special Provision 34 (1); W. Europe per ADR Special Provision 188(a) and 188(f)(i).		