

GLOBAL SENSORS NEW ITEM

## The Best Transit Humidity Monitor

The LogTag Humidity & Temperature Recorder measures and stores up to 8000 sets of high resolution humidity and temperature readings over 0 to 100% RH & -40°C to +85°C (-40°F to +185°F) measurement ranges.

You can trust the LogTag Humidity Logger in almost any rugged environment. It has all of the superior features of the LogTag line, and brings state-of-the-art humidity sensing to you in an affordable and compact package.

Using the LogTag Interface and LogTag Analyzer Software, you can control all aspects of performance, including delayed start, sampling interval, number of readings, continuous or fixed number of readings and configuration of conditions to activate the ALERT indicator.

Readings are downloaded using LogTag Analyzer, which provides facilities for charting, zooming, listing data statistics and allows exporting the data to other applications such as MS Excel.

Global Sensors LogTag Humidity Model

Call for pricing and options.

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# LogTag Humidity & Temperature Logger HAXO-8

We do not publish our price since our online deals are the best. We will match or better any Internet pricing.

Humidity model has same standard form factor as other LogTag units.



Unique micro perforated stainless steel cover protects sensor from dust and condensation drops.

LED lights respond to alerts: preset absolute max and min, time over and under low and high presets

Start and mark functions are identical to LogTag temperature units. A button press starts the unit. Subsequent button presses place a mark in the record with a date-time stamp. Alerts can be cleared if option is selected.

*We calibrate what we sell. Humidity sensors have a finite "in calibration" life that typically does not exceed 1 year. Although supplied in specification the LogTag Humidity logger will not retain its humidity accuracy indefinitely. If you depend upon this unit, you should seriously consider setting up a re-calibration schedule with us.*

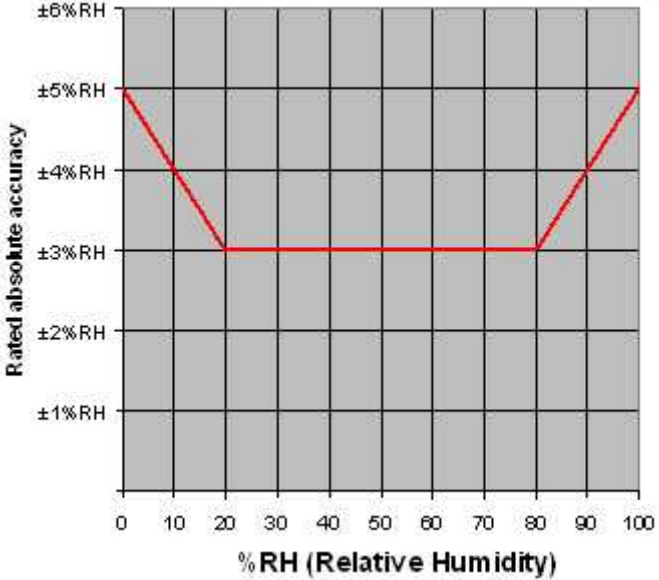
We use a specialized micro-perforated stainless steel membrane to protect the sensor. This is actually a very thin sheet of metal with extremely small holes punched through. Water cannot pass through and contaminate the sensor element (a drop of water is actually harmful to most humidity sensors).

Despite the small holes, the sensor has no error or lag time in sensing humidity. Another significant enemy of delicate humidity sensing elements is fine dust. The aperture size of the micro-perforations in the LogTag's protective screen are so small that dust cannot pass through.

The result of this protection (unique to LogTag) is a longer sensor life between recalibrations and better data.

**PRODUCT SPECIFICATIONS**

PS#61

Temperature Range	-40°C to +85°C (-40°F to +185°F)
Temperature/Humidity Resolution	< 0.1°C for -40°C to +40°C, < 0.2°C for +40°C to +85°C, 0.1% RH
Temperature/Humidity Accuracy	<p><u>Temperature:</u>            better than <math>\pm 1^\circ\text{C}</math> for <math>-30^\circ\text{C}</math> to <math>+20^\circ\text{C}</math>            better than <math>\pm 1.2^\circ\text{C}</math> for <math>-45^\circ\text{C}</math> to <math>-30^\circ\text{C}</math> &amp; <math>+20^\circ\text{C}</math> to <math>-40^\circ\text{C}</math>            better than <math>\pm 1.7^\circ\text{C}</math> for <math>-80^\circ\text{C}</math> to <math>-45^\circ\text{C}</math></p> <p><u>Humidity</u> (typically better than shown):</p> 
Readings	8032 readings (16K bytes memory)
Time Accuracy	Average 20 Seconds per Month
Logging Interval	Adjustable, 30 sec to several hours
Battery Type and Life	3V Lithium battery - Three years of use
Size and Weight	Dimensions 8.6cm x 5.5cm x 0.86cm (L x W x H) 3 $\frac{3}{8}$ " x 2 $\frac{1}{8}$ " x $\frac{1}{16}$ " Unit Weight 35 g (0.08 lb. or 1.23 oz.)
Case	Polycarbonate (Case and face label are G.R.A.S. materials per USDA)
Failsafe feature	'Prestart' fail-safe logging (records temperature data even if not started)
Compliance	EMC Compliance Tested and complies with EC EMC directives (EN 50081-1:1992 & EN 61000-6-1:2001) EN12830 Compliance Tested and complies to EN12830:1999 for transport, storage and distribution of chilled, frozen, deep frozen, quick-frozen food and others. WHO Compliance Approved by the World Health Organization authorities.

