



HASO-8 Single-Use Humidity & Temperature Logger

- Record high resolution Temperature & Humidity readings simultaneously.
- A real time clock provides date/time stamps for each temperature reading.
- Push-to-start button with optional delay or a specific time & date.
- Comprehensive customization options including alert settings, sample interval and trip duration.
- Robust and durable polycarbonate case with lug for secure mounting.
- Up to 8,000 recordings - enough for the longest trip.
- In-transit inspections can be recorded at the push of a button.

The LogTag® HASO-8 is a single-use Humidity & Temperature Recorder that measures and stores up to 8000 sets of high resolution humidity and temperature readings over a measurement range of 0 to 100%RH & -40°C to +85°C (-40°F to +185°F).

Enclosed in a robust and durable polycarbonate case - the HASO-8 is equipped with a unique humidity & temperature sensor arrangement providing fast reaction time to humidity & temperature change and a real time clock which provides date/time stamps for each temperature reading.

Using the LogTag® Interface and LogTag's freely available companion software LogTag® Analyzer, the LogTag® is easily set-up for recording conditions including delayed start,

sampling interval, 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 Excel.

The LogTag® HASO-8 complies with the relevant international standards for humidity & temperature monitoring devices:- FDA 21 CFR Part 11, EC Annex 11, IATA's 2018 Dangerous Goods Regulations 59th Edition, FCC, CE, RCM and RoHS. This demonstrates the quality and suitability of the LogTag® HASO-8 for humidity & temperature monitoring applications where accuracy and consistency is required.

Accessories



Wall Mount Bracket

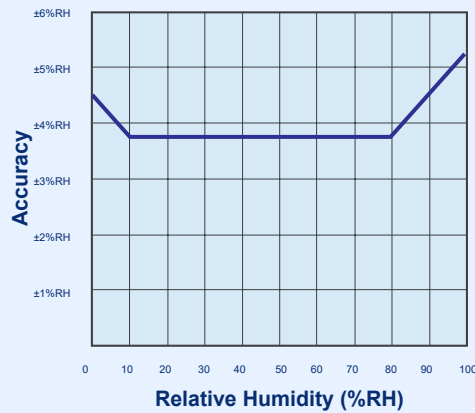


LTI-HID

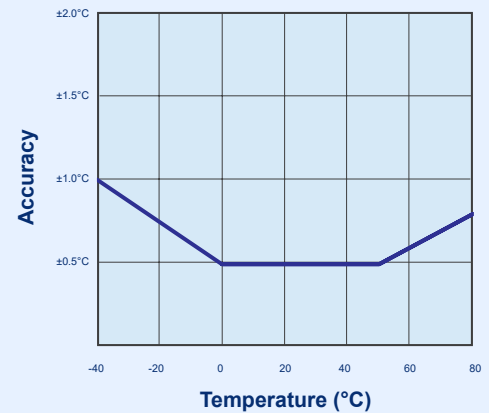


LTI-WiFi

Rated Relative Humidity Reading Accuracy @ 25°C*



Rated Temperature Reading Accuracy*



Product Specifications

Product Model	HASO-8.
Sensor Measurement Range	-40°C to +85°C (-40°F to +185°F).
Operating Temperature Range	-40°C to +85°C (-40°F to +185°F).
Storage Temperature Range	0°C to +40°C (-32°F to +140°F).
Humidity Measurement Range	0% RH to 100% RH, with limitations.
Humidity Operating Range	0% RH to 100% RH (non-condensing), with limitations.
Storage Humidity Range	0-65%, non condensing.
Humidity Resolution	Better than 0.1% RH.
Temperature Resolution	Better than 0.1°C or 0.1°F
Recording Capacity	8,031 pairs of humidity and temperature readings 53 days @ 10min logging, 80 days @ 15min logging.
Sampling Interval	Configurable from 30 seconds to several hours. (Typically 5 minute logging)
Logging Start Options	Push button start or specific date & time.
Recording Indication	Flashing 'OK' indicator / flashing 'ALERT' indicator.
Download Time	Typically less than 10 seconds for full memory (8,031 pairs of humidity and temperature readings), depending on computer or readout device used.
Environmental	IP61 (when hung or mounted vertically).
Power Source	3V LiMnO ₂ Battery.
Battery Life	1 year of normal use (based on 15 minute logging, download data monthly).
Real Time Clock	Built-in real time clock. Rated accuracy ±25ppm @ 25°C (equivalent to 2.5 seconds/day). Rated temperature coefficient is -0.034 ±0.006ppm/°C (i.e typically +/- 0.00294 seconds/day/°C).
Connection Interface	Interface Cradle
Software	LogTag® Analyzer
Size	86mm(H) x 54.5mm(W) x 8.6mm(T).
Weight	34g.
Case Material	Polycarbonate.

*Chemical vapors or pollutants

Exposure of the internal sensor to chemical vapors or high levels of pollutants may interfere with the internal sensor and cause a shift in both offset and sensitivity, resulting in inaccurate readings to be logged. High levels of pollutants may cause permanent damage to the humidity sensor's polymer.