

Cleanroom Management International Groupe Trescal

### **MULTI-USE HUMIDITY & TEMPERATURE LOGGER**







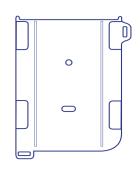
#### HAXO-8 Fixed-Site Humidity & Temperature Monitoring



The LogTag® HAXO-8 is a multi-use Humidity & Temperature Recorder measures and stores up to 8000 sets of high resolution humidity and temperature readings.

The LogTag<sup>®</sup> HAXO-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.

### Accessories



Wall Mount



LTI-HID Not Included

## Features



For multiple applications use



Up to 8,000 sets of recordings enough for the longest trip.



Real time clock provides date/time stamp for every recording.



Supports fast download using the standard LogTag Interface cradle



User configuration for alert settings, logging interval, trip duration etc.



In-transit inspections can be recorded at the push of a button.



Fixed battery of 1 year storage, followed by 2 - 3 years of normal use.



Record and display Temperature & Humidity readings simultaneously.

# Applications



Laboratories



Agriculture



Warehousing



Server Rooms



Cold Chain



Farming

# Specifications

Stream     Sensor Measurement Range     40°C b +85°C (40°F to +185°F).       Operating Temperature Range     40°C b +85°C (40°F to +185°F).       Storage Temperature Range     40°C b +85°C (40°F to +185°F).       Humidity Measurement Range     0% RH to 100% RH (non-condensing), with limitations.       Humidity Operating Range     0% RH to 100% RH (non-condensing), with limitations.       Storage Humidity Range     20% RH to 100% RH (non-condensing), with limitations.       Rated Temperature Reading Accuracy     Better Than 30.45°C (40.87° for 40°C to +40°C (+22°F to +122°F), typically 40.3°C (0.0°F). Better Than 30.5°C (41.7°F) for 40°C to +40°C (+22°F to +126°F).       Rated Temperature Reading Accuracy     Better Than 30.4°C (40.87°F) for 40°C to +40°C (+22°F to +126°F). Better Than 30.5°C (41.7°F) for 40°C to +40°C (+22°F to +126°F).       Rated Humidity Reading Accuracy     Better Than 30.4°C (40.87°F) for 40°C to +40°C (+22°F to +126°F). Better Than 30.5°C (41.7°F) for 40°C to +40°C (+40°F to +185°F).       Rated Humidity Reading Accuracy     Better Than 30.5°C (41.7°F) for 40°C to +40°C (+40°F to +185°F).       Rated Fundity Reading Accuracy     Better Than 30.5°C (41.7°F) for 40°C to +40°C (+40°F to +185°F).       Rated Fundity Reading Accuracy     Better Than 30.5°C (40°F to 100°K RH.       Sater Than 0.1% RH.     Better Than 0.1% RH.       Better Than 30.5°C (41°C for 100°K RH.     Better Than 30.5°C (40°K		
Operating Temperature Range     40°C to +85°C (-40°E to +185°F).       Storage Temperature Range     10°C to +50°C (50°F to +122°F).*       Humidity Measurement Range     0% RH to 100% RH (non-condensing), with limitations.       Storage Lumidity Range     20% RH to 00% RH (non-condensing), with limitations.       Storage Lumidity Range     20% RH to 00% RH (non-condensing), with limitations.       Storage Lumidity Range     20% RH to 00% RH (non-condensing), with limitations.       Rated Temperature Reading Accuracy     Better than 0.48°C (0.48°F) for 10°C to 150°C (+32°F) to +122°F), hytically 40.8°C (0.0°F).       Better than 0.48°C (0.48°F) for 40°C to +05°C (+127° to +122°F), hytically 40.8°C (0.0°F).     Better than 0.48°C (4.17°F) for 40°C to 40°C (+127° to +123°F).       Rated Humidity Reading Accuracy     Better than 0.48°C (4.17°F) for 40°C to +05°C (+127° to +123°F).     Better than 0.48°C (4.17°F) for 40°C to +10°C (+10°F).       Rated Humidity Reading Accuracy     Better than 0.48°C (4.17°F) for 40°C to +10°C (+10°F).     Better than 0.48°C (4.17°F) for 40°C to +10°C (+10°F).       Rated Temperature Resolution     Better than 0.1% RH.     Better than 0.1% RH.     Better than 0.48°C (4.10°C to -11°F       Recording Capacity     8.03 gains of humidity and temperature readings.     Sci days @ 100min logging.     Sci days @ 100min logging.       Sadays @ 10min logging.     Sci days @	Product Model	HAXO-8.
Storage Temperature Range     +10°C to +50°C (50°F to +122°F)*       Humidity Measurement Range     0% RH to 100% RH (non-condensing), with limitations.       Humidity Operating Range     0% RH to 100% RH (non-condensing), with limitations.       Storage Temperature Reading Accuracy     Better Than 40.45°C (±0.8°F) for +0°C to +50°C (+32°F), hypically ±0.3°C (0.6°F). Better Than 40.45°C (±1.4°F) for +0°C to +50°C (+32°F), hypically ±0.3°C (0.6°F). Better Than 40.45°C (±1.4°F) for +0°C to +32°F (±1.5°F), hypically ±0.3°C (0.6°F).       Rated Temperature Reading Accuracy     Better Than 50.45°C (±0.8°F) for +0°C to +32°F (±1.5°F), hypically ±0.3°C (0.6°F). Better Than 50°C (±1.4°F) for +0°C to ±32°F (±1.5°F), hypically ±0.3°C (0.6°F).       Rated Temperature Reading Accuracy     Better Than 50°C (±1.4°F) for +0°C to ±32°F (±1.5°F), hypically ±0.3°C (0.6°F).       Rate Than 50°C (±1.4°F) for +0°C to ±32°F (±1.5°F), hypically ±0.3°C (0.6°F).     Better Than 50°C (±1.4°F) for +0°C to ±32°F (±1.5°F), hypically ±0.3°C (0.6°F).       Rate Than 50°C (±1.4°F) for +0°C to ±32°F (±1.5°F), hypically ±0.3°C (0.6°F).     Better Than 50°C (±1.4°F) for ±32°F (±1.5°F).       Rate Than 50°C (±1.4°F) for ±32°F (±1.5°F), hypically ±0.3°C (0.6°F).     Better Than 50°C (±1.4°F) for ±32°F (±1.5°F).       Rate Than 50°C (±1.4°F) for ±32°F (±1.5°F).     Better Than 50°C (±1.5°F).     Better Than 50°C (±1.5°F).       Rate Than 50°C (±1.5°F).     Better Than 50°C (±1.5°F).     Better Than 50°C (±1.5°F).     Better Than 50°C (±1.5°F).	Sensor Measurement Range	-40°C to +85°C (-40°F to +185°F).
Number	Operating Temperature Range	-40°C to +85°C (-40°F to +185°F).
Humidity Operating Range     ON: RH to 100% RH (non-condensing), with limitations.       Storage Humidity Range     20% RH to 60% RH.*       Rated Temperature Reading Accuracy     Better than 0.45°C (41.4°F) for +0°C to +50°C (+32°F to +122°F), typically 40.3°C (0.8°F). Better than 30.8°C (41.4°F) for +0°C to +0°C (-412°F to +172°F), typically 40.5°C (0.8°F). Better than 30.8°C (41.4°F) for +0°C to +0°C (-412°F to +172°F), typically 40.5°C (0.8°F). Better than 50.8°C (1.7°F) for +0°C to +0°C (-412°F to +172°F), typically 40.5°C (1.7°F).       Rated Humidity Reading Accuracy     Better than 55% RH for 10% RH to 05% RH. Better than 55% RH for 10% RH to 05% RH.       Better than 55% RH for 10% RH to 05% RH. Better than 55% RH for 10% RH to 05% RH.     Better than 25% RH for 10% RH to 10% RH. Better than 25% RH for 10% RH to 10% RH.       Recording Capacity     8.002 pairs of thor 00% RH to 10% RH. Better than 0.1% RH.     Better than 0.1% RH.       Temperature Resolution     Better than 0.1°C or 0.1°F     Better than 0.1°C or 0.1°F       Recording Indication     Better than 0.1°C or 0.1°F     Better than 0.1°C or 0.1°F       Sampling Interval     Configurable from 30 seconds to several hours.     Configurable from 30 seconds to several hours.       Logging Start Options     Push buttor fashing ALERT' indicator.     Download Time     Typically less than 10 seconds for full memory, depending on computer or readout device used.       Environmental     IP61 (when hung or mounted verti	Storage Temperature Range	+10°C to +50°C (50°F to +122°F).*
Storage Hunidity Range     20%RH to 60%RH.*       Rated Temperature Reading Accuracy     Better than a0.87 (c1.478 fb) for +07° C to +50° (+22°F to +122°F), typically 50.3° (0.6°F), Better than a0.87 (c1.47F) for +30° (c1.42°F) to +30° (c1.42°F), typically 50.3° (0.6°F), Better than a0.8° (c1.47F) for +30° (c1.42°F) to +30° (c1.42°F), typically 50.3° (1.4°F), Actual performance is typically much better than the rated values. Accuracy figures can be improved by recalibration.       Rated Hunidity Reading Accuracy     Better than 55%RH for 0%RH to 80%RH. Better than 0.1% RH.       Humidity Resolution     Better than 15%RH for 00%RH to 80%RH. Better than 0.1% RH.       Better than 0.1% RH.     Detert than 0.1% RH.	Humidity Measurement Range	0% RH to 100% RH (non-condensing), with limitations.
Construction     Deter than ±0.45°C (±0.8°F) for +0°C to +50°C (+32°F to +122°F), typically ±0.3°C (0.6°F).       Better than ±0.45°C (±0.8°F) for +0°C to +50°C (+32°F to +125°F), typically ±0.3°C (0.6°F).       Better than ±0.55°C (±1.7°F) for +0°C to +0°C (+02°F to +32°F), typically ±0.3°C (0.6°F).       Better than ±0.55°C (±1.7°F) for +0°C to +0°C (+12°F to +32°F), typically ±0.3°C (0.6°F).       Better than ±0.55°C (±1.7°F) for +0°C to +0°C (+12°F to +32°F), typically ±0.3°C (0.6°F).       Better than ±0.55°C (±1.7°F) for +0°C to +0°C (+12°F to +32°F), typically ±0.3°C (0.6°F).       Better than ±0.55°C (±1.7°F) for +0°C to +0°C (+12°F to +32°F), typically ±0.3°C (0.6°F).       Better than ±0.55°C (±1.0°C to +0°C (+12°F to +32°F), typically ±0.3°C (0.6°F).       Better than ±0.55°C (±1.0°C to +0°C (+12°F).       Better than ±0.55°C (±1.0°C to +0°C (+12°F).       Actual performance is typically much better than the rated values. Accuracy figures can be improved by recalibration.       Better than 0.1°C or 0.1°F       Recording Capacity     £0.03 pairs of humidly and temperature readings 53 days @ 15min logging.       Sampling Interval     Configurable from 30 seconds to several hours.       Logging Start Options     Push buton start or specific date & time. Optional start delay (30 seconds to 18 hours).       Recording Indication     Typically less than 10 seconds for full memory. depending on computer or readout device used.       Environmental	Humidity Operating Range	0% RH to 100% RH (non-condensing), with limitations.
Better than 2.83°C (±1.4°F) for +80°C (b + 80°C (b + 20°C (b + 27°E) b + 176°F), byolaily 2.05°C (0.9°F), Better than 2.95°C (±1.7°F) for 40°C to 10°C (±0°F E + 32°F, b) to 21°F).       Rated Humidity Reading Accuracy     Better than 2.95°C (±1.7°F) for 40°C to 10°C (±0°F E + 32°F, b) to 21°F).       Rated Humidity Reading Accuracy     Better than 2.95°C (±1.4°F) for 40°C to 10°FRH.       Better than 2.95°C (±1.7°F) for 40°C to 10°FRH.     Better than 2.95°C (±1.4°F) for 40°C to 10°FRH.       Humidity Resolution     Better than 0.1°C or 0.1°F       Recording Capacity     Botter than 0.1°C or 0.1°F       Sampling Interval     Configurable from 30 seconds to several hours.       Logging Start Options     Push button start or specific date & lime. Optional start delay (30 seconds to 18 hours).       Recording Indication     Flashing 'Okci indicator / flashing 'ALERT' indicator.       Download Time     Typically less than 10 seconds for full memory, depending on computer or readout device used.       Environmental     IP61 (when hung or mounted vertically).       Power Source     3V LIMO, Battery (Fixed).       Batter acturacy conduction     Eluit-in readine cock.       Rated acturac cordinicant is -0.034 ±0.008pm/°C (ite typically +-0.00294 seconds/day"C).       Connection Interface     Interface Cradle       Store     Bolim(h) x 84.5mm(W) x 8.6mm(T).  <	Storage Humidity Range	20%RH to 60%RH.*
Better than 19%RH to 10%RH. Actual performance is typically much better than the rated values. Accuracy figures can be improved by recalibration.       Humidity Resolution     Better than 0.1% RH.       Temperature Resolution     Better than 0.1% C 0.1°F       Recording Capacity     8.003 pairs of humidity and temperature readings S3 days @ 10min logging. 80 days @ 15min logging.       Sampling Interval     Configurable from 30 seconds to several hours.       Logging Start Options     Push button start or specific date & time. Optional start delay (30 seconds to 18 hours).       Recording Indication     Fashing 'OK' indicator / flashing 'ALERT' indicator.       Download Time     Typically less than 10 seconds for full memory, depending on computer or readout device used.       Battery Life     Fixed Battery, 1 year storage, followed by 2 – 3 years 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 accuracy ±25ppm @ 25°C (equival	Rated Temperature Reading Accuracy	Better than ±0.8°C (±1.4°F) for +50°C to +80°C (+122°F to +176°F), typically ±0.5°C (0.9°F). Better than ±0.95°C (±1.7°F) for -40°C to +0°C (-40°F to +32°F), typically ±0.6°C (1.1°F).
Temperature Resolution     Better than 0.1°C or 0.1°F       Recording Capacity     8.003 pairs of humidity and temperature readings 53 days @ 10min logging, 80 days @ 15min logging.       Sampling Interval     Configurable from 30 seconds to several hours.       Logging Start Options     Push button start or specific date & time. Optional start delay (30 seconds to 18 hours).       Recording Indication     Flashing 'OK' indicator / flashing 'ALERT' indicator.       Download Time     Typically less than 10 seconds for full memory, depending on computer or readout device used.       Environmental     IP61 (when hung or mounted vertically).       Power Source     3V LiMnO <sub>2</sub> Battery (Fixed).       Battery Life     Fixed Battery. 1 year storage, followed by 2 – 3 years of normal use (based on 15 minute logging, download data monthly).       Read Time Clock     Built-in real time clock. Rated accurey 4250pm @ 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       Storage     86mm(H) x 54.5mm(W) x 8.6mm(T).       Weight     349.       Case Material     Polycarbonate.       "Optimal Storage Condition     For optimal Humidity logger storage, store units in original packaging in an air conditioned area. Storage temperature shall be in the range of 10°C to 50°C ca	Rated Humidity Reading Accuracy	Better than ±6%RH for 0%RH to 10%RH. Better than ±7%RH for 80%RH to 100%RH.
Recording Capacity     8.003 pairs of humidity and temperature readings 53 days @ 10min logging. 80 days @ 15min logging.       Sampling Interval     Configurable from 30 seconds to several hours.       Logging Start Options     Push button start or specific date & time. Optional start delay (30 seconds to 18 hours).       Recording Indication     Flashing 'OK' indicator / flashing 'ALERT' indicator.       Download Time     Typically less than 10 seconds for full memory, depending on computer or readout device used.       Environmental     IP61 (when hung or mounted vertically).       Power Source     3V LIMO <sub>2</sub> Battery (Fixed).       Battery Life     Fixed Battery. 1 year storage, followed by 2 – 3 years of normal use (based on 15 minute logging, download data monthly).       Read Time Clock     Built-In real time clock. Rated accordy 255 pm @ 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 <sup>®</sup> Analyzer       Size     86mm(H) x 54.5mm(W) x 8.6mm(T).       Weight     349.       Case Material     Polycarbonate.       Polycarbonate.     Polycarbonate.       Polycarbonate.     Polycarbonate.	Humidity Resolution	Better than 0.1% RH.
S3 days @ 10min logging, 80 days @ 15min logging.     Sampling Interval   Configurable from 30 seconds to several hours.     Logging Start Options   Push button start or specific date & time. Optional start delay (30 seconds to 18 hours).     Recording Indication   Flashing 'OK' indicator / flashing 'ALERT' indicator.     Download Time   Typically less than 10 seconds for full memory, depending on computer or readout device used.     Environmental   IP61 (when hung or mounted vertically).     Power Source   3V LiMnO <sub>2</sub> Battery (Fixed).     Battery Life   Fixed Battery. 1 year storage, followed by 2 – 3 years 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   8mm(H) x 54.5mm(W) x 8.6mm(T).     Weight   34g.     Case Material   Polycarbonate.     *Optimal Storage Condition   For optimal Humidity logger storage, store units in original packaging in an air conditioned area. Storage temperature shall be in the rarge of 10°C to 50% RH. Ensure good ventiliation (fresh air supply) in storage area to avoid high	Temperature Resolution	Better than 0.1°C or 0.1°F
Logging Start Options     Push button start or specific date & time. Optional start delay (30 seconds to 18 hours).       Recording Indication     Flashing 'OK' indicator / flashing 'ALERT' indicator.       Download Time     Typically less than 10 seconds for full memory, depending on computer or readout device used.       Environmental     IP61 (when hung or mounted vertically).       Power Source     3V LiMnO <sub>2</sub> Battery (Fixed).       Battery Life     Fixed Battery. 1 year storage, followed by 2 – 3 years of normal use (based on 15 minute logging, download data monthly).       Built-In real time clock.     Rated accuracy ±255ppm @ 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 <sup>®</sup> Analyzer       Size     86mm(H) x 54.5mm(W) x 8.6mm(T).       Weight     34g.       Case Material     Polycarbonate.       Portpinal Storage Condition     For optimal Humidity logger storage, store units in original packaging in an air conditioned area. Storage temperature shall be in the rarge of 10°C to 50°C and humidity at 20%RH to 60%RH. Ensure good ventilation (fresh air supply) in storage area to avoid high	Recording Capacity	
Recording Indication   Flashing 'OK' indicator / flashing 'ALERT' indicator.     Download Time   Typically less than 10 seconds for full memory, depending on computer or readout device used.     Environmental   IP61 (when hung or mounted vertically).     Power Source   3V LiMnO2 Battery (Fixed).     Battery Life   Fixed Battery. 1 year storage, followed by 2 – 3 years 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.     *Optimal Storage Condition   For optimal Humidity logger storage, store units in original packaging in an air conditioned area. Storage temperature shall be in the range of 10°C to 50°C and humidity at 20%RH to 60%RH. Ensure good ventilation (fresh air supply) in storage area to avoid high	Sampling Interval	Configurable from 30 seconds to several hours.
Download Time     Typically less than 10 seconds for full memory, depending on computer or readout device used.       Environmental     IP61 (when hung or mounted vertically).       Power Source     3V LiMnO <sub>2</sub> Battery (Fixed).       Battery Life     Fixed Battery. 1 year storage, followed by 2 – 3 years 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.       *Optimal Storage Condition     For optimal Humidity logger storage, store units in original packaging in an air conditioned area. Storage temperature shall be in the range of 10°C to 50°C and humidity at 20%RH. Ensure good ventilation (fresh air supply) in storage area to avoid high	Logging Start Options	Push button start or specific date & time. Optional start delay (30 seconds to 18 hours).
Environmental   IP61 (when hung or mounted vertically).     Power Source   3V LiMnO2 Battery (Fixed).     Battery Life   Fixed Battery. 1 year storage, followed by 2 – 3 years 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.     *Optimal Storage Condition   For optimal Humidity logger storage, store units in original packaging in an air conditioned area. Storage temperature shall be in the range of 10°C to 50°C and humidity at 20%RH to 60%RH. Ensure good ventilation (fresh air supply) in storage area to avoid high	Recording Indication	Flashing 'OK' indicator / flashing 'ALERT' indicator.
Power Source   3V LiMnO2 Battery (Fixed).     Battery Life   Fixed Battery. 1 year storage, followed by 2 – 3 years 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.     *Optimal Storage Condition   For optimal Humidity logger storage, store units in original packaging in an air conditioned area. Storage temperature shall be in the range of 10°C to 50°C and humidity at 20%RH to 60%RH. Ensure good ventilation (fresh air supply) in storage area to avoid high	Download Time	Typically less than 10 seconds for full memory, depending on computer or readout device used.
Battery Life   Fixed Battery. 1 year storage, followed by 2 – 3 years 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.     *Optimal Storage Condition   For optimal Humidity logger storage, store units in original packaging in an air conditioned area. Storage temperature shall be in the range of 10°C to 50°C and humidity at 20%RH to 60%RH. Ensure good ventilation (fresh air supply) in storage area to avoid high	Environmental	IP61 (when hung or mounted vertically).
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.     *Optimal Storage Condition   For optimal Humidity logger storage, store units in original packaging in an air conditioned area. Storage temperature shall be in the range of 10°C to 50°C and humidity at 20%RH to 60%RH. Ensure good ventilation (fresh air supply) in storage area to avoid high	Power Source	3V LiMnO <sub>2</sub> Battery (Fixed).
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.     *Optimal Storage Condition   For optimal Humidity logger storage, store units in original packaging in an air conditioned area. Storage temperature shall be in the range of 10°C to 50°C and humidity at 20%RH to 60%RH. Ensure good ventilation (fresh air supply) in storage area to avoid high	Battery Life	Fixed Battery. 1 year storage, followed by 2 – 3 years of normal use (based on 15 minute logging, download data monthly).
Software   LogTag® Analyzer     Size   86mm(H) x 54.5mm(W) x 8.6mm(T).     Weight   34g.     Case Material   Polycarbonate.     *Optimal Storage Condition   For optimal Humidity logger storage, store units in original packaging in an air conditioned area. Storage temperature shall be in the range of 10°C to 50°C and humidity at 20%RH to 60%RH. Ensure good ventilation (fresh air supply) in storage area to avoid high	Real Time Clock	Rated accuracy ±25ppm @ 25°C (equivalent to 2.5 seconds/day).
Size   86mm(H) x 54.5mm(W) x 8.6mm(T).     Weight   34g.     Case Material   Polycarbonate.     *Optimal Storage Condition   For optimal Humidity logger storage, store units in original packaging in an air conditioned area. Storage temperature shall be in the range of 10°C to 50°C and humidity at 20%RH to 60%RH. Ensure good ventilation (fresh air supply) in storage area to avoid high	Connection Interface	Interface Cradle
Weight   34g.     Case Material   Polycarbonate.     *Optimal Storage Condition   For optimal Humidity logger storage, store units in original packaging in an air conditioned area. Storage temperature shall be in the range of 10°C to 50°C and humidity at 20%RH to 60%RH. Ensure good ventilation (fresh air supply) in storage area to avoid high	Software	LogTag®Analyzer
Case Material   Polycarbonate.     *Optimal Storage Condition   For optimal Humidity logger storage, store units in original packaging in an air conditioned area. Storage temperature shall be in the range of 10°C to 50°C and humidity at 20%RH to 60%RH. Ensure good ventilation (fresh air supply) in storage area to avoid high	Size	86mm(H) x 54.5mm(W) x 8.6mm(T).
*Optimal Storage Condition For optimal Humidity logger storage, store units in original packaging in an air conditioned area. Storage temperature shall be in the range of 10°C to 50°C and humidity at 20%RH to 60%RH. Ensure good ventilation (fresh air supply) in storage area to avoid high	Weight	34g.
range of 10°C to 50°C and humidity at 20%RH to 60%RH. Ensure good ventilation (fresh air supply) in storage area to avoid high	Case Material	Polycarbonate.
	*Optimal Storage Condition	range of 10°C to 50°C and humidity at 20%RH to 60%RH. Ensure good ventilation (fresh air supply) in storage area to avoid high



#### 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.

#### **Re-conditioning Procedure**

Exposure of the internal sensor to chemical vapors may interfere with the internal sensor and cause inaccurate readings to be logged. In a clean environment, this will slowly rectify itself. However, exposure to extreme conditions or chemical vapors will require the following reconditioning procedure to bring the internal sensor back to calibration state.80°C (176°F) at<5%RH for 36 hours (baking) followed by 20-30°C (70-90°F) at>74%RH for 48 hours (re-hydration) High levels of pollutants may cause permanent damage to the internal sensor.

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