DATASHEET

HAXO-16U-S

LogTag

Distributed by AKRIBIS

Accurate & Reliable Humidity Monitoring

LogTag®

HAXO-16U

Humidity & Temperature USB Recorder

AKRIBIS · www.akribis.info · contacto@akribis.info

HAXO-16U

- Software-free PDF and CSV reports
- Built-in USB connection
- Temperature and humidity sensors
- Easy-to-use, single button operation
- Record and store up to 365 days of data
- LCD display for at a glance monitoring
- Industry leading report download speed
- Single and multi-use options available

The HAXO-16U is engineered to accurately and reliably monitor temperature and humidity conditions, protecting goods such as healthcare/pharmaceutical products, livestock, food, flowers, and powders during transportation and storage.

Say goodbye to cradles and slow data downloads! The HAXO-16U features a built-in USB connection for fast report downloads direct to your PC, allowing users to easily retrieve and analyze data without any additional software.

The HAXO-16U features a rugged polycarbonate case so your data is protected even at -30 °C. The HAXO-16U can withstand the rigors of cold chain shipping, providing proven reliability in challenging environments and ensuring you can always retrieve your data.

Enjoy peace of mind with up to 365 days worth recordings. Fully configurable to your desired parameters with our free software, LogTag® Analyzer. This makes it a cost-effective choice for businesses looking to monitor sensitive shipments without additional expenses or complicated training.

Features

HAXO-16U

Software-free Reports:

HAXO-16U now features a built-in USB for fast data retrieval, no software required.

Temperature and Humidity:

With dual sensors for precise temperature and humidity monitoring.

At A Glance Monitoring:

With the new easy to read LCD display, checking on your data is as easy as a single glance.

Single Button Operation:

Enjoy the simple single button operation, making quick data marking and reviewing a breeze.

Up To 365 Days of Data:

Rest assured, the HAXO-16U can last the longest trip with up to 32,000 readings. That's up to 365 days worth of data!

Single and Multi-use options:

The HAXO-16U is available in both single-use and multi-use options.

Specifications

Product Model	HAXO-16U (single-use and multi-use options available)
Sensor Measurement Range	-30 °C to +70 °C (-22 °F to +158 °F)
Operating Temperature Range	-30 °C to +70 °C (-22 °F to +158 °F)
Storage Temperature Range	0 °C to +40 °C (+32 °F to +104 °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
Humidity Storage Range	20 %RH to 60 %RH*
Rated Temperature Reading Accuracy	Better 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 ±0.8 °C (±1.4 °F) for +50 °C to +70 °C (+122 °F to +158 °F), typically ±0.5 °C (±0.9 °F) Better than ±0.95 °C (±1.7 °F) for -30 °C to +0 °C (-22 °F to +32 °F), typically ±0.6 °C (±1.1 °F) Actual performance is typically much better than the rated values. Accuracy figures can be improved by recalibration
Rated Humidity Reading Accuracy	Better than ±3 %RH for 20 %RH to 80 %RH, typically ±2 %RH Better than ±5 %RH for 0 %RH to 20 %RH, typically ±4 %RH Better than ±5 %RH for 80 %RH to 100 %RH, typically ±4 %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 or 0.1 °F
Recording Capacity	32,000 logs, up to 365 days @ 16 min logging
Sampling Interval	Configurable from 10 seconds to 18 hours
Logging Start Options	Push button start or date and time start
Environmental	IP61 with USB cap fitted
Power Source	CR2450 3V Li-MnO2 UN38.3 compliant coin cell, non-rechargeable, non-replaceable
Battery Life	Multi-Use: 3 years storage, 2 years of operational life (based on 5 minute logging) Single-Use: 1 year storage, 1 year of operational life
Connection Interface	Built-in USB 2.0
Size	107 mm (H) x 54.5 mm (W) x 8.6 mm (T) including USB cap
Weight	46.8g
Case Material	Polycarbonate

Applications HAXO-16U

Transportation

The HAXO-16U ensures accurate and reliable temperature and humidity monitoring, providing confidence that your goods have been stored and transported under the right environmental conditions.

- Temperature and humidity recordings
- Rugged polycarbonate case
- Fast PDF reports with USB connection
- Large memory capacity, up to 365 days
- Long operational life

Storage Facilities

Ensure that your storage conditions have remained within the set temperature and humidity parameters with the HAXO-16U, even over long-term storage periods.

- 21 CFR Part 11 compliant software
- User-friendly interface for easy setup
- Simple data export and cloud integration
- Wide temperature monitoring range
- Meets industry regulatory standards

LogTag® Analyzer

This powerful and free to use 21 CFR Part 11 compliant software transforms how you manage and analyze data from LogTag® data loggers. With features like bulk configuration and advanced multi-graph reports, it delivers everything you need to ensure data integrity and streamline your operations.

Perfect for industries like cold chain and healthcare, it integrates seamlessly with LogTag® Online for cloud storage making this an unbeatable tool that's completely free!

Revision B (24032026) © Copyright 2026, LogTag® North America Inc. All rights reserved.
LogTag® is a registered trademark of LogTag® North America Inc.
LogTag® North America Inc. reserves the right to change this document without notice.