

H08-007-IS



HOBO Temperature/Relative Humidity/2x External Channel Intrinsically Safe Data Logger

Discontinued

This intrinsically-safe model four-channel data logger has internal temperature and user-replaceable relative humidity sensors and two external channels that accept external temperature and DC voltage cables with passive sensors. Intrinsically Safe Rating (by US standards): IS, Class I, II, Division 1, Groups A-G, Temperature Code T4 ($\leq 135^{\circ}\text{C}$); NI, Class I, Division 2, Groups A-D, Temperature Code T4 ($\leq 135^{\circ}\text{C}$); S, Class II, Division 2, Groups F and G; as specified in the US National Electric Code and approved by Factory Mutual.

Important Information

This product is compatible with Boxcar, which is discontinued. However, users of our legacy products can still download the unsupported free version below:



Compatible with
BoxCar

Supported Measurements

Relative Humidity, Temperature

Features

- Certified intrinsically safe for monitoring hazardous locations where combustible gas and/or dust may be present

Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email sales@onsetcomp.com
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Onset Computer Corporation
470 MacArthur Boulevard
Bourne, MA 02532

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support www.onsetcomp.com/support/contact
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

HOBO Temperature/Relative Humidity/2x External Channel Intrinsically Safe Data Logger (H08-007-IS) Specifications

Operating range (logger): -20°C to +70°C (-4°F to +158°F), 0 - 95% RH non-condensing

Time accuracy: approx. ±1 minute per week (±100 ppm at +20°C or +68°F), full dependence shown in manual

Measurement capacity: 7944 measurements total, stored in non-volatile memory

Size: 2.4" x 1.9" x 0.8"

Weight: approximately 1 oz.

Battery: Sony or Renata CR-2032 (lithium) user-replaceable

Battery life (continuous use): 1 year

Storage temperature: -40°C to +75°C (-40°F to +167°F)

Intrinsically Safe Rating: IS, Class I, II, Division 1, Groups A-G, Temperature Code T4 (≤135°C); NI, Class I, Division 2, Groups A-D, Temperature Code T4 (≤135°C); S, Class II, Division 2, Groups F and G.