

Intrinsically Safe Loggers

onset

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

Temp/RH

#H08-032-IS

Size/Weight:
10.2 x 8.1 x 5.1 cm
(4 x 3.2 x 2 in)
105 g (5.7 oz)



HOBO H8 Pro Temp/RH-IS Temperature

Suitable for outdoor and condensing environments

Measurement range: -30° to 50°C (-22° to 122°F)
Accuracy: ±0.2°@ 25°C (±0.33°@ 77°F)

RH
Measurement range: 0 to 100% RH
Accuracy: ±3% RH

Temp

#TBIB-40+75-IS

Size/Weight:
3.8 x 2.0 cm
(1.5 x 0.8 in)
with 10 mm (0.7 in)
mounting bail
32 g (1.1 oz)



StowAway-IS Temperature

Small size and splashproof design are ideal for industrial environments
Use Optic Base Station and StowAway IS Coupler

Measurement range: -40° to 75°C (-40° to 167°F)
Accuracy: ±0.46°@ 20°C (±0.83°@ 68°F)
Environmental rating: tested to NEMA 6 (IP67)
Alarm indication: LED blinks if temperature exceeds limits

HOBO H8 RH/Temp/2x IS

Temperature, RH, and 2 external channels for indoor applications
Accepts external temperature or user-supplied passive sensors

Measurement range: -20° to 70°C (-4° to 158°F)
Accuracy: ±0.7°@ 25°C (±1.27°@ 77°F)

Temp/RH

#H08-007-IS

Size/Weight:
6.1 x 4.8 x 2.0 cm
(2.4 x 1.9 x 0.8 in)
29 g (1 oz)



HOBO H12 Thermocouple Type K-IS

Wide-range temperature monitoring with two software-selectable ranges and cold-junction compensation

Measurement ranges: 0° to 500°C (32° to 932°F)
0° to 1250° C (32° to 2282°F)

Temp

#H12-002-IS

Size/Weight:
6.1 x 4.8 x 2.0 cm
(2.4 x 1.9 x 0.8 in)
26 g (0.9 oz)



HOBO 4 Channel Outdoor/Industrial Logger-IS

Rugged 4-channel logger for use in harsh industrial environments
Accepts up to 4 plug-in temperature sensors or user-supplied passive sensors
Environmental rating: tested to NEMA 6 (IP67)

Intrinsically Safe Rating: IS, Class I, II, Division 1, Groups A-G, Temperature Code T4 (≤135C); NI, Class I, Division 2, Groups A-D, Temperature Code T4 (≤135C); S, Class II, Division 2, Groups F and G; as specified in the US National Electric Code and approved by Factory Mutual Research Corporation.

4 External

#H08-008-IS

Size/Weight:
14.0 x 13.7 x 3.2 cm
(5.50 x 5.38 x 1.25 in)
200 g (7 oz)



IS Logger Ordering Information

Description	Part No.
HOBO H8 Pro Temp/RH-IS	H08-032-IS
StowAway-IS Temp	TBIB-40+75-IS
HOBO H8 Temp/RH/2x-IS	H08-007-IS
HOBO H12 Thermocouple Type K-IS	H12-002-IS
HOBO 4 Channel Outdoor/Industrial-IS	H08-008-IS

Software for all IS loggers

BoxCar Software includes serial interface cable and manual

BoxCar® Pro Software (Windows®)	BCP4.3-ON
BoxCar Software (Windows)	BC3.7

Required for StowAway-IS loggers

Optic Base Station (not rated IS)	DSA
StowAway-IS Coupler	TBIB-IS-COUPLER

Optional Communications

Optic Shuttle (not rated IS)	DTA128B
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