



With integrated sensors, measures and records temperature and relative humidity (within 2.5% accuracy) in indoor environments. This logger is ideal for monitoring occupant comfort in office buildings, tracking food storage conditions in warehouses, logging temperature trends in server rooms, and measuring humidity levels in museums.

Features:

- Easy-to-view LCD display
- Large memory capacity
- Visual high & low alarm thresholds
- Burst and Statistics logging modes
- User-replaceable relative humidity sensor

What's in the box

- HOBO UX100-011 Temp/RH 2.5% Data Logger
- Command™ strip
- Double-sided tape
- Hook & loop strap

Technical Specifications:**Temperature Sensor**

Range	:	-20° to 70°C (-4° to 158°F)
Accuracy	:	±0.21°C from 0° to 50°C , see manual for plot ±0.38°F from 32° to 122°F , see manual for plot
Resolution	:	0.024°C at 25°C , see manual for plot 0.04°F at 77°F , see manual for plot
Response Time	:	4 minutes in air moving 1 m/s (2.2 mph)
Drift	:	<0.1°C per year (0.18°F per year)

RH Sensor

Range	:	1% to 95% (non-condensing)
Accuracy	:	±2.5% from 10% to 90% typical to a maximum of ±3.5% including hysteresis at 25°C (77°F); below 10% and above 90% ±5% typical
Resolution	:	0.01%
Response Time	:	10 seconds to 90% in airflow of 1 m/s (2.2 mph)
Drift	:	<1% per year typical

Logger

Logger Operating Range	:	Logging: -20° to 70°C (-4° to 158°F); 0 to 95% RH (non-condensing)
Launch/Readout	:	0° to 50°C (32° to 122°F) per USB specification
Logging Rate	:	1 second to 18 hours, 12 minutes, 15 seconds
Logging Modes	:	Fixed interval (normal), burst, or statistics
Memory Modes	:	Wrap when full or stop when full
Start Modes	:	Immediate, push button, date & time, or next interval
Stop Modes	:	When memory full, push button, or date & time
Restart Mode	:	Push button
Time Accuracy	:	±1 minute per month at 25°C (77°F)
Power Source	:	One 3V CR2032 lithium battery and USB cable
Battery Life	:	1 year, typical with logging rate of 1 minute and sampling interval of 15 seconds or greater
Memory	:	128 KB (63,488 measurements, maximum)
Download Type	:	USB 2.0 interface
Full Memory Download Time	:	20 seconds
LCD	:	LCD is visible from 0° to 50°C (32° to 122°F); the LCD may react slowly or go blank in temperatures outside this range
Size	:	3.66 x 8.48 x 2.29 cm (1.44 x 3.34 x 0.9 in.)
Weight	:	30 g (1.06 oz)
Environmental Rating	:	Ip50