HOBO® U30 Remote Monitoring Systems

Real-time access to data from any web browser

HOBO U30 Remote Monitoring Systems enable real-time, remote access to your data via cellular, Wi-Fi, or Ethernet communications. They can be configured with any combination of external Smart Sensors, and have been designed with an industrial-grade, tamperproof enclosure.

Supported Measurements:

Indoor Environmental: Temperature, Relative Humidity, Dew Point, CO_2, Air Velocity, VOC

Energy/Power: 4-20mA, AC Current, AC Voltage, Amp Hour, Amps, Compressed Air Flow, DC Current, DC Voltage, Differential, Pressure, Gauge Pressure, kW, kWh, Power Factor, Pulse Input, Volt-Amp Reactive, Volt-Amp Reactive Hour, Volt-Amps, Volts, Water Flow, Watt Hours, Watts

Key Advantages:

- Web-based energy and environmental monitoring
- Electronics are housed in an industrial-grade, tamperproof enclosure
- Setup is quick and easy with plug-and-play sensors
- Measures a wide range of energy and environmental parameters
- GSM Cellular, Wi-Fi, Ethernet, direct USB options available
- Optional analog inputs with configurable sensor power

Minimum System Requirements:

Software	Data plan*	Power source[1]	Sensor

*A complete U30 remote monitoring system requires a data plan (U30-NRC is data logger only and does not require a data plan).
[1]AC power adapter or solar panel required. For more details, please visit onsetcomp.com.

▶ For complete information and accessories, please visit: **www.onsetcomp.com**

Part number	U30-GSM	U30-WIF	U30-ETH
GSM Wireless Comm (U30-GSM)	Quad-Band GSM/GPRS 850/900/1800/1900 MHz		
Wi-Fi Wireless Comm (U30-WIF)	2.412 - 2.484 GHz IEEE 802.11 b/g		
Ethernet (U30-ETH)	10Base-T or 100Base-TX (using external RJ45 jack) 256-bit AES Rijndael encryption		
Alarm Relay	Can be activated, deactivated or pulsed on user-defined sensor alarms.		
Alarm Notification Latency	Logging interval plus 2 to 4 minutes (typical)		
Smart-Sensor Inputs	5 or 10		
Data Channels	Maximum of 15 (some sensors use more than one data channel)		
Normal Operating Range	-20 to 40ºC (-4 to 140ºF)		
Extended Operating Range	-40 to 60ºC (-40 to 140ºF) see battery life		
Local Communication	USB		
Data Storage Memory	512K bytes local storage in non-volatile flash memory		
Logging Interval	1 minute to 18 hours, user-specified		
Station-to-Internet Upload Interval	10 minutes minimum, user-specified (depends on HOBOlink data service plan)		
Power	An Onset solar panel (1.2w, 3w, 6w) or AC adapter is required		
Battery Life	3-5 years, 4 volt 10 AHr rechargeable sealed lead acid		
Dimensions	17.8 x 11.7 x 19.3 cm (7.0 x 4.6 x 7.6 in)		
CE Compliant	Yes		

Contact Us

Sales (8am to 5pm ET, Monday through Friday)
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▶ Call 1-800-564-4377
▶ Fax 508-759-9100

Technical Support
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