



Onset HOBO® U30 web-based monitoring systems provide real-time access to data from any web browser. Whether measuring energy usage in a commercial building or performing sub-metering audits for building commissioning, HOBO U30 systems deliver accurate, dependable data right to your desktop.

Key Advantages

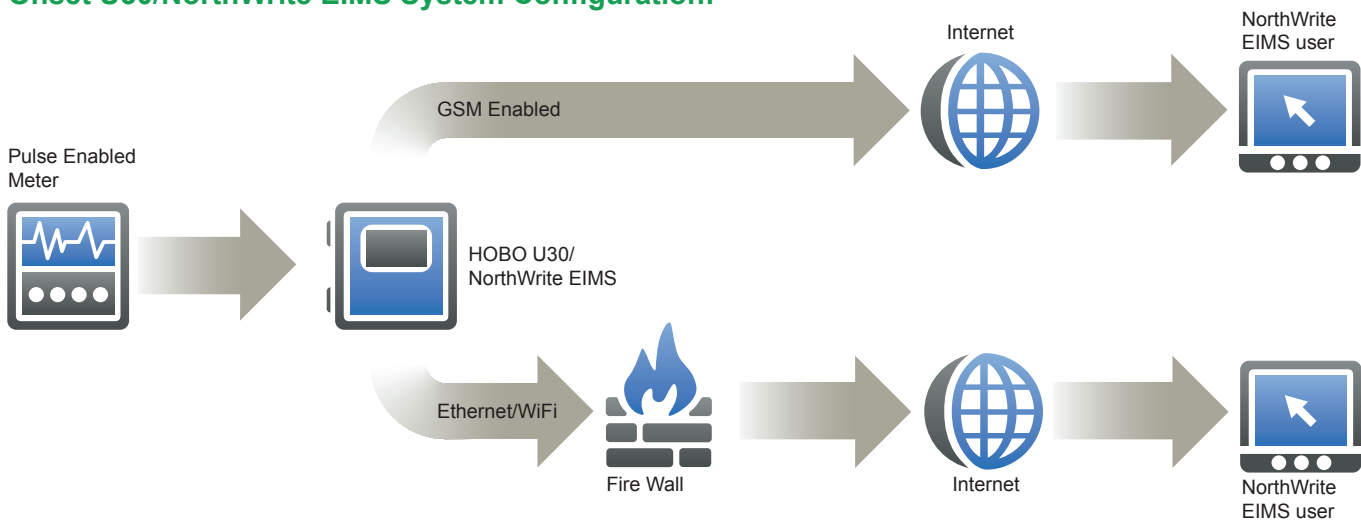
- Web-based energy monitoring
- Industrial-grade, tamperproof enclosure
- Pre-configured system for fast, easy deployment
- GSM cellular, Wi-Fi and Ethernet communications options available
- AC and solar power options

Industrial-grade dependability


HOBO U30 Remote Monitoring Systems deliver high accuracy measurements you can count on — in even the harshest environmental conditions. Incorporating patented technology, all of the systems' electronics are housed within a rugged double-weatherproof, tamperproof enclosure. This provides twice the protection and ensures years of reliable monitoring performance.



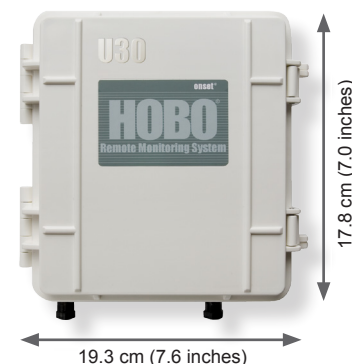
Onset U30/NorthWrite EIMS System Configuration:



Specifications

GSM Wireless Communications	Quad-Band GSM/GPRS 850/900/1800/1900 MHz
Wi-Fi Wireless Communications	2.412 - 2.484 GHz IEEE 802.11 b/g
Ethernet	10Base-T or 100Base-TX (using external RJ45 jack) 256-bit AES Rijndael encryption
Certifications	FCC certified. Check www.onsetcomp.com for the latest certifications 
Data Channels	Maximum of 15 (some sensors use more than one data channel)
Sensor Network Cable Length	100 m (328 ft) maximum
Normal Operating Range	-20 to 40°C (-4 to 140°F)
Extended Operating Range	-40 to 60°C (-40 to 140°F) see battery life, Note: the GSM module will not communicate below -30°C (-22°F)
Local Communication	USB
Data Storage Memory	512K bytes local storage in non-volatile flash memory
Operational Indicators	LEDs show status
Logging Interval	15 minute standard (1 minute to 18 hours)
Station-to-Internet Upload Interval	30 minutes
Power	AC adapter is required (Onset solar panel optional [1.2w, 3w, 6w])
Battery Type	4 Volt, 10 AHR, or 4.5 AHR Rechargeable Sealed Lead Acid
Battery Life	Typical 3-5 years depending upon conditions of use. Regular operation outside of the normal operating range will reduce battery life to 1-2 years.
Environmental Rating	Weatherproof; tested to NEMA 6
Dimensions	17.8 H x 11.7 D x 19.3 W cm (7.0 H x 4.6 D x 7.6 W inches)
Weight	2 kg (4.30 lbs.)
Mounting	Wall mount standard (Up to 1.63 in (4.1 cm) mast)
Enclosure Access	Hinged door secured by two latches, which can be further secured with user-supplied padlocks

Dimensions



About Onset

Onset is the world's leading supplier of data loggers. Our HOBO data loggers, data nodes, and energy logging systems can be rapidly deployed in a wide range of energy management applications, including energy audits, Measurement & Verification, building commissioning and indoor air quality studies. Based on Cape Cod, Massachusetts, Onset has sold more than 1.5 million data loggers since the company's founding in 1981. Visit Onset on the web at www.onsetcomp.com.

About NorthWrite

NorthWrite – the Worksite Company – is a leading Energy Information Management Software company specializing in the delivery of energy and facility solutions via a collaborative web platform called Energy WorkSite. The company's objective is to help facility managers and owners control their operational, energy and facility costs by providing easy to use software applications coupled with expert technical support. Visit NorthWrite on the web at www.northwrite.com.

