



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

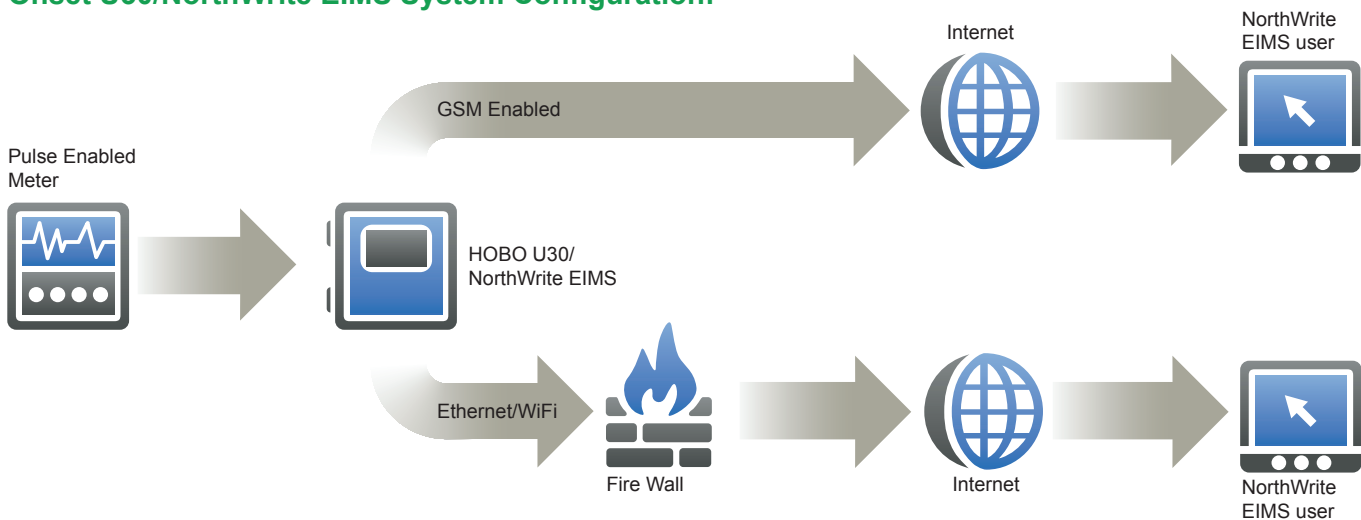
- Web-based energy monitoring
- Industrial-grade, tamperproof enclosure
- Pre-configured system for fast, easy deployment
- GSM cellular, Wi-Fi and Ethernet communications options available
- AC and solar power options

### 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.



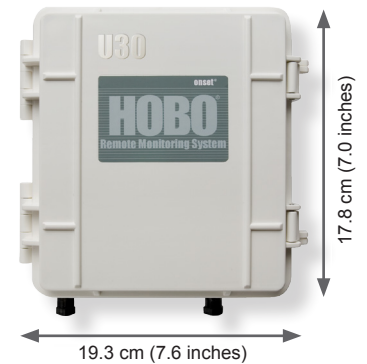
### Onset U30/NorthWrite EIMS System Configuration:



## Specifications

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

