

HOBO® EG4130 Data Logger

EG4130 Pro - 30 Input Meter Data Logger

The EG4130 Pro combines an energy meter, data logger, and a web server. This powerful combination lets you measure, store and retrieve (V, A, VAR, kWh, etc.) data directly from the device or from a remote location via the internet. You can view historical and live data for the lifetime of the hardware with the unit's convenient user interface (UI). Users have access to real-time values, long-term reports, an interactive graphical interface, and many other tools.



Key Advantages:

- 30 sensor inputs
- Supports wide range of current transformers (CTs) to accommodate virtually any size load
- Built-in web server and graphical monitoring software
- Custom view and alerts; CSV exports of granular data
- Fully web-configurable
- Built-in solid-state memory
- No service contracts
- No batteries

HOBO EG4130 Data Logger Specifications

Measurement

AC Voltage:	L1: 85-277 Vrms L2: 0-277 Vrms L3: 0-277 Vrms
DC Voltage:	42 Vrms Power: 9-60 Vdc Measurement: +/-60 Vdc
Current:	30 channels 5-6900A max per channel Fully isolated inputs
Frequency:	50 or 60 Hz
Logging Values:	V, A, W, Wh, Hz, VA, VAr, THD, deg
Power Draw:	12W max, 2W typical

Environmental

Op. Temperature:	-30 to 70 deg C (-22 to 158 F)
Max Altitude:	4000m (13,123ft)
Max Humidity:	80% up to 31 deg C
Meas. Category:	Overvoltage Category III
Location:	Open type indoor device
Pollution Degree:	2

Data Logger Capacity

Register Count:	64 (data storage points)
Granularity: (duration/avg)	1 hour/1 second 1 year/1 minute 10 yrs/15 minute Device Lifetime/1 Day

Safety and Regulatory

Safety:	IEC/UL 61010-1 Ed. 3.0 B:2010
CE:	IEC 61000-6-1 Ed. 3.0 B:2016 IEC 61000-6-3 Ed. 2.1 B:2011
FCC:	FCC Title 47 CFR Part 15-Subpart B Class B ICES-003 Information Technology Equipment Class B

Communication

Homeplug AV:	Compatible with Homeplug AV- adapter within ~100ft. on same phase as L1
Ethernet:	IEEE 802.3 - LAN

User Interface

Compatible Browsers: (Only up-to-date versions supported)	Google Chrome Firefox Safari Internet Explorer
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Enclosure

Material:	FRABS
Dimensions:	17 x 8 x 4.6cm (6.7 x 3.15 x 1.81in)
Weight:	300g (0.66lbs)
Warranty Standard:	2 years