

ENTOUCH.one GM8 Energy Monitor

The ENTOUCH.one GM8 Energy Monitor

ENTOUCH's suite of smart building solutions provide accurate monitoring of facility energy usage. ENTOUCH is capable of measuring single and three phase electrical panels and provide metering grade measurement for total panel energy along with branch level monitoring for individual loads.

The ENTOUCH GM8

This unit provides wireless energy monitoring for a commercial facility. It has a three phase main input rated up to 480VAC and four branch circuits. Phase voltage is measured from each phase to neutral and phase currents and branch loads are measured using industry-standard and current sense transformers.

Features

- Compact size, efficient and easy installation
- Three phase compatible
- Split core current transformers simplify installation
- Expandable by using multiple units
- Accurate DSP main input monitors
 - Individual phase voltage
 - individual phase power
 - Power factor
 - Total energy / power
- Branch circuit monitoring
 - Monitoring current and energy
 - Single, dual or three pole breakers
- Email and text alerts
- Remote management via Customer Portal

Technical Specifications

Electric Services Supported

- 208/480VAC three phase panel with wye connection
- Supports cable and bus-bar panels
- Supports panels up to 3,200 amps

ENTOUCH Wireless Sensor Network

- Self-forming network with up to 300' range
- All settings configured via ENTOUCH.one controller and ENTOUCHgo.com

Power Requirements

- Self-powered from voltage sense inputs

Measurements

- Main feed monitored via DSP, up to 3,200 amps, accuracy better than 98%
- Eight branch feeds with support of single, dual, or three pole breakers
 - rated up to 200amps per leg

Physical and Environmental

- Dimensions: 5" x 1.6" x 4"
- Temperature: 0-45 degC
- Compliance: FCC, UL 61010

