

ENTOUCH

GM8 Energy Monitor



Smarter Buildings. Better Business.

The Entouch GM8 Energy Monitor provides accurate monitoring of facility energy usage. Entouch is capable of measuring single and three-phase electrical panels and provides measurement for total panel energy along with branch-level monitoring for individual loads.

The Entouch GM8 provides wireless energy monitoring for your commercial facility. It has a three-phase main input rated up to 300V and eight branch circuits. Phase voltage is measured from each phase to neutral and phase to phase in Delta currents, and branch loads are measured using industry-standard and current sense transformers.

Entouch manages a fit-for-purpose suite of devices that collects all the data from your facility's systems needed to digitally transform your operations and make better decisions. Our ecosystem includes our controller – the smart thermostat, lighting and load control, utility-grade energy meters, and wireless sensors to monitor everything from in-room temperature and indoor air quality to all of your energy assets

Our patented technology stack and unmatched experience with over 100,000 installed devices, coupled with our mobile installation app and cloud-based commissioning tools, produce simple, fast, high-quality one and-done installations that do not disrupt your business.

FEATURES

- Compact size, efficient and easy installation
- Single phase, Delta, and Wye
- 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
- Remote management via customer portal
- Supports an AC voltage from 90 to 300V

TECHNICAL SPECIFICATIONS

ELECTRIC SERVICES SUPPORTED

- 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 Entouch's portal, Entouchgo.com
- Wiring Connection: Terminal block, dual inputs 3.5mm

POWER REQUIREMENTS

- Self-powered from voltage sense inputs

MEASUREMENT

- Main feed monitored via DSP, up to 3,200 amps
- Eight branch feeds with support of single, dual, or three pole breakers
- Physical and Environmental
 - Dimensions: 5" x 1.6" x 4"
 - Temperature: 0° to 45°C
- Compliance: FCC, UL 61010, ETL Listed in Canada and the United States

