

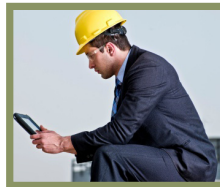


Cambridge Energy Management Systems

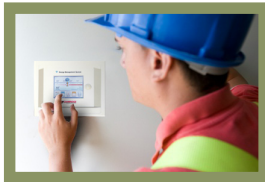
Monitor, Verify, Control and Save Energy



Direct-Fired Heater



Remote Control



On Site Control



Monitor / Verify

Cambridge Wi-Fi Energy Management System

Cambridge now offers an easy, low cost way to provide two-way remote communication for real time monitoring and control of direct gas-fired heating systems.

The Cambridge internet enabled Energy Management System (EMS) is perfect for warehouses and other industrial buildings where a thermostat is not enough and a full-scale automated building management system is too complex and expensive.

- Our Wi-Fi EMS is simple to install and program, reducing installation costs.
- The EMS interface board is factory installed and tested in the Cambridge heater.
- Intelligent automation, flexible programming and remote computer monitoring on your web-based EMS portal will save energy and operating costs.
- Detailed information on the operation and settings for each heater is available through the EMS portal.
- Email alerts help avoid costly downtime and unplanned service calls.
- Ideal control system for energy retrofits and green building projects.

Third-Party Building Management Systems

Cambridge also provides two methods for interfacing with third-party building management systems that use the most popular communication protocols, including BACnet, LonWorks, Modbus and other widely used integration standards.

- Direct digital control (DDC) modules, provided and programmed by others, are factory installed, integrated into the heater controls and included in customized wiring diagrams.
- A universal interface with typical inputs and dry contact outputs to control and monitor the heater operation are provided to simplify third-party integration.



Wi-Fi EMS Technical Specifications

FEATURES

Color touch screen display	Yes
Secure wireless remote Internet access	Yes
Easy to install & program	Yes
Lockable - installer & user access codes	Yes
Live Internet weather feed	Yes

MONITOR/VERIFY

Indication of call for burner/blower	Yes
Low temperature alert	Yes
Clogged filter alert	Yes
System failure alerts	Yes
Outside condition display	Yes
Optional email notifications to contractor	Yes
Optional on-screen contractor information	Yes
Conduct remote diagnostics	Yes
Analyze historical temperature information	Yes
Heating equipment filter & service reminders	Yes

CONTROL

Manage unlimited number of thermostats	Yes
Set temperature range, 45-79F (heat)	Yes
Configurable min/max set temperature	Yes
Freeze protection control	Yes
Programmable fan control	Yes
One-button override	Yes
Override timer	Yes

SAVE ENERGY

Intelligent night setback recovery	Yes
7-day programming	Yes
365-day scheduling	Yes
Summer ventilation mode	Yes

GENERAL INFORMATION

Technology platform	ecobee
Power source	24 VAC
Number wires to thermostat	4
Warranty	3 years

CAMBRIDGE INTEGRATION

Conduit-ready, painted steel enclosure	Yes
Pre-installed heater interface module	Yes
Factory tested with Cambridge equipment	Yes
Field retrofit kits for Cambridge heaters	Yes



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