

PERIGON™

MASTER CONTROLLER

The Perigon is the master controller for the Perigon EMS energy management system. It replaces a standard thermostat and provides HVAC control, an internet gateway, and wireless interface to Perigon energy sensors.

It features a high definition touchscreen and sophisticated energy management software that enable businesses to take control of their energy costs.



PERIGON EMS

The Perigon EMS is a full featured but simple to use energy management system. It provides accurate metering of total facility energy and critical branch loads along with sophisticated control of heating and cooling systems. It is designed to increase comfort during business hours and minimise waste during vacancy hours. Data and remote control are provided by our web portal, allowing users to manage multiple facilities remotely.

TECHNICAL SPECIFICATIONS

- HVAC System Compatibility
- Supports gas / electric / heat pump systems
- Supports 1, 2, and 3 stage heat
- Supports 1, 2, and 3 stage cool
- Support for auxiliary heat
- Control of humidifier / dehumidifier
- Configurable remote sensor input

Internet Communication

- WiFi version: 802.11 (b, g, & n)
- LAN Version: 10/100 BASE-T
- Supports DHCP and static connections
- Cellular Data Connection

Perigon Wireless Sensor Network

- Self forming network with up to 100 metres range
- Power Requirements
- 24VAC: requires both R and C wires

Physical

- Dimensions: 152mm x 101mm x 25mm
- LCD: TFT 109mm with LED backlight
- Resolution (RGB) 480 x 272

FEATURES

- Full color touchscreen display
- 7 day occupancy scheduling with events
- Security modes limit user adjustments, override allows temporary changes
- Internal or remote temperature sense
- Energy management modes including intelligent fan circulation
- Digital inputs for alarm and control
- Internal humidity sensor with relay support for Humidifier / Dehumidifier
- Automatic maintenance alerting with local display and automatic Email / SMS
- Local weather with 5 day forecasting
- Run time and energy meter

ENERGY MANAGEMENT SERVICES



HVAC



LIGHTING



REFRIGERATION



24/7 CLOUD
MONITORING



ENERGY & WATER
MONITORING