ENTOUCH

SMART BUILDING SOLUTIONS

ENTOUCH.one MASTER CONTROLLER

The ENTOUCH,one Master Controller

ENTOUCH.one is the master controller for the ENTOUCH Smart Building Platform. It replaces a standard thermostat and provides HVAC control, an Internet gateway, and wireless interface to ENTOUCH energy sensors. It features a high definition touchscreen display and sophisticated energy management software that enables small businesses to take control of their energy costs.

The ENTOUCH Energy Management System (EMS)

The ENTOUCH EMS is a full−featured easy−to−use energy management system(EMS) that provides accurate metering of total facility energy and critical branch loads. It also provides sophisticated control of heating and cooling systems designed to increase comfort during business hours and minimize waste during vacancy hours. Data and control is provided by the ENTOUCH.Go Web Portal, which allows users to manage multiple facilities remotely.

Features

- Full−color touchscreen display
- 7−Day occupancy scheduling with events
- Security modes limit user adjustments override
- Digital inputs for alarm and control
- Automatic maintenance alerts with email, SMS and local display
- Run−time clock
- Open ADR certified (Automated Demand Response)
- Title 24 compliant
- 0−10V input
- 0−10V control output for VAV's, SCR's, and others systems
- Advanced compressor controls

Technical Specifications

HVAC System Compatibility
- Full−color touchscreen display
- Supports gas, electric, and heat pump systems
- Supports 1 and 2 stage heat
- Multi−stage auxiliary heat for heat pumps
- Supports 1, 2, and 3 stage cool
- Control of humidifier/dehumidifier
- Configurable remote sensor inputs
- Supports analog output to VAV's, values, and other devices

Internet Communication
- Wi−Fi version: 802.11 (b, g, & n)
- LAN version: 10/100 BASE−T
- Supports DHCP and Static connections

ENTOUCH Wireless Sensor Network
- Self−forming network with up to 300' range

Physical Dimensions
- 6" x 4" x 1"

Full Color Touchscreen LCD
- TFT 4.3 inch with LED back light
- Resolution (RGB) 480 x 272