

ENTOUCH

Remote Dimming Module (RDM)



Smarter Buildings. Better Business.

The Entouch One Remote Dimming Module (RDM) works with the Entouch lighting system, providing commercial, cloud based management of critical energy systems. The RDM multiplies the number of dimmable LED drivers/ballast that are controlled by the Entouch One Dimming Lighting Controller (DLC).

Entouch manages a fit-for-purpose suite of devices that collect 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, 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

- Four channels of technologically advanced, high-power universal dimming
- Supports LED, incandescent, magnetic low-voltage, electronic low-voltage, and 2-wire dimmable fluorescent lighting loads
- Ability to tuck away above ceiling tiles and out of sight due to small size

TECHNICAL SPECIFICATIONS

POWER REQUIREMENT

- 24VAC, 50 / 60Hz, 2 Watts
- 24VAC from DLC or 120VAC – 24VAC transformer (sold separately)

INPUT

- 0-10V (PWM) dimming from Entouch DLC
 - » Twisted pair recommended
- Resistive photo sensor input
 - » Passive solar sensor with no DC bias
 - » On / off or linear

OUTPUTS

- Four isolated 0-10V (PWM) dimming outputs
 - » Inputs and outputs are electrically isolated
 - » Open collector outputs sink current from LED driver ballast dimming interface
- 10mA pullup available for LED / driver / ballasts that do not conform to ANSI C 82 .11
- Photo sensor out
- Pass through of photo sensor input with 2mA 10V pullup

WIRING CONNECTION

- Mating connectors provided with the unit
- 1 terminal block, pluggable, 3.50mm, 8POS – power I/O and dimming outputs

PHYSICAL AND ENVIRONMENTAL

- Size: 5.5" × 2.625" × 1.5
- Weight: 4.5 oz
- Mounting: Wall mounted