



Outdoor Zigbee Twist-Lock Controllers



Wireless area & pathway lighting control

To meet the growing energy management needs of customers worldwide, EuControls is introducing a new line of NEMA twist-lock receptacle compatible outdoor lighting controllers with Zigbee mesh networking connectivity. Using the Zigbee wireless protocol, these outdoor controllers offer quick plug-and-play setup, reduced maintenance requirements, and reliable long-term operation.

Intelligent add-ons for greater savings

Enhance your street or area lighting installation with energy metering and GPS capabilities. All models come with a built-in north-facing photo sensor that enables daylight harvesting via photo control. Energy metering functionality with utility-grade accuracy allows for reliable measurement of power consumption and can help pinpoint lights that have failed or are in need of immediate service. GPS technology can also provide highly precise location information for light fixtures distributed across larger installations.

Part Number	Light Sensing	Energy Metering	GPS
ECM-20-ZB	X	—	—
ECM-20-ZBM*	X	X	—
ECM-20-ZBMG^	X	X	X

* Expected 2018 Q4 ^ Expected 2019 Q1



SPECIFICATIONS

- Compatible with 7-prong NEMA C-136-41-2013 ANSI standard twist-lock receptacles
- 100-277VAC input voltage
- ON/OFF and 0-10VDC dimming control (100 mA max sink)
- Compatible with electronic ballasts and LED drivers that comply with IEC60929 Annex E2
- Zero crossing AC relay
- 20A AC relay max current
- 2700W max AC relay load @ 277VAC
- 2.4GHz Zigbee integrated radio
- +8dBm to +20dBm Zigbee radio transmit power
- Zigbee Home Automation 1.2 or latest version 3.0
- Compatible with ControlScope by Daintree Networks
- Integrated north-facing photo sensor for daylighting
- Energy consumption metering of fixture (-M model)
- Installation location confirmed by GPS (-G model)
- -40 to 122 °F (-40 to 50 °C) operating temperature
- Rated IP66 for wet locations
- FCC 47CFR Part 15 Class B compliant
- UL/cUL listed

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