

INNCOM E528 & E529 EMS THERMOSTATS

Each e-Series thermostat is a hub for guestroom automation, and can control virtually any HVAC system. They also offer backlit LCDs and flexible options for installation, including built-in relays (e528) or a wireless design (e529).



e528 EMS Thermostat

The e528 and e529 can be equipped with an on-board radio frequency (RF) transceiver, a passive infrared occupancy sensor (PIR), humidity sensor, outside temperature display, and the unique ecoMODE® green button.

Each model can be used as a stand alone thermostat; as an in-room energy management system (EMS); as a hospitality IoT hub; or as part of a networked, property-wide EMS. And you can scale up these capabilities any time, at your own pace.

When the e-Series built-in motion sensing is combined with door lock (or sensor) integration, Honeywell's advanced occupancy detection enables a property to optimize EMS energy savings without compromising guest comfort (vs. PIR-only occupancy detection). An INNCOM Networked EMS delivers 25-40% guestroom HVAC energy savings.*



e529 Battery Powered EMS Thermostat

* based on HVAC runtime reduction from a PMS-integrated EMS vs. ETM (traditional thermostat mode) in hotels with average occupancy and <500 rooms.



Scalable energy management and occupant detection

Precision DDC temperature control

Optional ecoMODE



Optional motion and door-lock sensors

RF Wireless Communication

Oversized framing plate for use in US applications



Line voltage, low voltage, or battery powered options

Customer programmable

Low installation costs



Native integration with INNCOM INNcontrol EMS software

Easily integrates with 3rd-party technologies like central electronic-lock systems (CELS)



Multi-point lamp control

Balcony door monitoring

Minibar & safe monitoring

Smoke detector monitoring

INNCOM E528 & E529 EMS THERMOSTATS

Applications

When networked via the INNCOM INNcontrol™ energy management system, additional energy can be saved using a broader setback band when the room is unoccupied or unrented for a set length of time. A wider setback band can also be used when the room is in hibernation for off-season or extended away periods.

The INNCOM e-Series wireless transceiver acts as an IoT hub, enabling the thermostat to seamlessly add lighting, drapery, and amenity controls. It can also receive inputs from other smart devices and points in the room, such as a balcony door, minibar, or smoke detector, transmitting their status to the central server.

Additional Options

Available with or without the Honeywell logo.

Available with or without a humidity sensor.

Available with or without auxiliary communications (RF, IR5, or RS485).

Configurations

Blank

Standard PIR and ecoMODE Button

ecoMODE Button

Line voltage, low voltage, or battery-powered

Specifications	
DIMENSIONS	4.7in. W x 4.7in. H x 1.2in. D (119 mm x 119 mm x 30 mm)
POWER REQUIREMENTS	24 VAC at 50/60 Hz, 24 VDC nominal, 2.4 VA (e528-3xx/7xx and e528-4xx) 100 to 277 VAC at 50/60 Hz, 2.4 VA (e528-8xx)
MOUNTING	Standard Double Gang Junction Box (4x4)
OPERATING RANGE	41 to 149 degrees F (5 to 65 degrees C), 0-95% RH noncondensing 41 to 149 degrees F (5 to 65 degrees C), 0-95% RH noncondensing
TEMPERATURE	± 1°F 60°F to 85°F (± 0.5°C 15°C to 30°C)
APPROVALS	UL listed #873, CAN/CSA C22.2 No. 24-93 File #E202540/Part 15 of the FCC Rules
STANDARD COLOR OPTIONS	White & Black
THERMOSTAT MEASUREMENT RANGE	33 to 99 degrees F (1 to 37 degrees C)
OUTDOOR AIR TEMPERATURE DISPLAY	0 to 99 degrees F (-18 to 37 degrees C)
DISPLAY RESOLUTION	Whole degree F, 0.5 degree C (0.1 degree F in test mode)
STANDARD DEADBAND	2 degrees F (1 degree C) between heating and cooling
C/F DEGREES DISPLAY	Toggle Button on front of display
AMBIENT OPERATING	41 to 149 degrees F (5 to 65 degrees C), 0-95% RH noncondensing
AMBIENT STORAGE	33 to 149 degrees F (1 to 65 degrees C)
RF DATA RATE	250kbps
OPTIONAL POWER SUPPLIES	No Power Supply 120-277VAC 265-277VAC 50/60Hz w/3.6FLA high fan relay (600 Series) 50/60Hz w/2.2FLA high fan relay (800 Series) 24VAC 50/60Hz (900 Series) Four AA Batteries (e529 Only)
INDOOR RANGE	70ft - 100ft+
FREQUENCY BAND	2.4GHz
PROTOCOL	802.15.4
FREQUENCY CHANNELS	11-26

Honeywell Building Technologies

12 Clintonville Road
Northford, CT 06472
1-800-543-1999
www.inncom.com

01-00118 | 01/20
© 2020 Honeywell International Inc.

Honeywell