



Highlights

Embue Sensor™ measures temperature and humidity and detects occupancy in a room within the living space. It tells the Embue Super Cloud™ when a room is too hot or cold, or too dry or humid. It also detects when room is unoccupied, which lets the Super Cloud optimize heating and cooling.

Embue Sensor is easily mounted on the wall with strong yet non-marking adhesive strips, allowing it to be moved or removed with decor or use changes. Embue Sensor can also be mounted with screws, if desired.

The device is battery powered, with a battery life of three years in normal use.

Multiple Sensors can be installed in an apartment to cover single or multiple rooms.

Communication

Embue system components communicate via an IEEE 802.15.4 low power wireless technology. Using the mesh networking capabilities of this technology, the devices in an Embue system are capable of relaying data to otherwise hard-to-reach areas of a building. As the number of devices is added to the network, the communications paths are stronger.

Technical Specifications

Physical

Dimensions	3.27" x 2.05" x 0.75" (HxWxD)
Weight	1.0 oz. (not including battery)

Mounting

3M Command Strips Model #17024 (included)

Environmental

Operating Temperature Range	32°F - 120°F (± 1°F)
Operating Relative Humidity	0 - 90% (± 3%) (non-condensing)
Occupancy	More than 15 ft. range, 170° field of view

Update Method

Over-the-air (OTA) firmware support

Communication

Wireless Standard	Long range IEEE 802.15.4 mesh network
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Power

Battery	CR123A 3VDC Lithium Ion (included)
Battery life	Three years in normal use

Warranty

2 years

Approvals

FCC



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Smart Apartments for Residents + Building Intelligence for Owners™

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