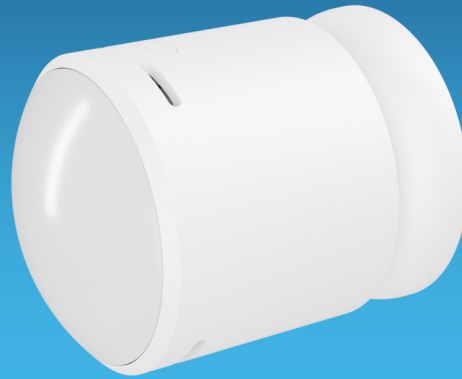




Zero degrees of difficulty

Description

The Lux Remote Sensor is an advanced remote sensor for smart-home applications. Which, despite its compact form factor, includes temperature, humidity and occupancy detection.

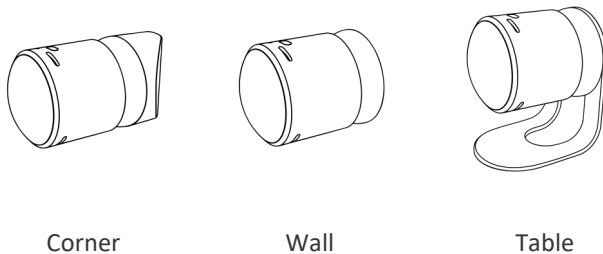
When paired with the Lux TQX Smart Thermostat, the Remote Sensor is able to improve comfort in occupied rooms and reduce costs by gathering data for the schedule learning algorithm.

The Remote Sensor is also a Zigbee 3.0 certified occupancy sensor which can be paired directly with compatible Zigbee co-ordinator hubs.

Installation options

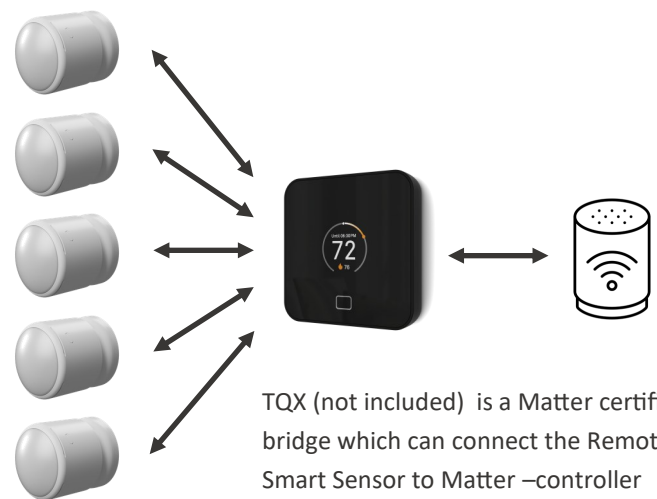
The Remote sensor can be installed anywhere with the included corner and wall mounting brackets, and table stand. Use of the magnetic swivel hinge makes battery replacement simple whilst allowing the occupancy detection lens to be optimized for each installation.

The included pet shield snaps on to the front housing of the Remote Sensor reducing the detection angle to avoid false triggering.



Dimensions	Diameter: 1.6" (40mm), Length: 2.0" (50mm)
Sensors	Temperature $\pm 1^{\circ}\text{F}$ (0.5°C) reporting resolution PIR occupancy detector Relative humidity sensor $\pm 2\%$ accuracy
Electrical Ratings	Power source: 2x CR2450 battery (included) Battery life: 2 years (at room temperature)
Temperature Range	Operating Range: 14°F to 113°F (-10°C to 45°C)
Environmental Limits	Moisture and Dust: IP20 Humidity: 20% to 95% non-condensing
Certifications	Zigbee 3.0 (802.15 2.4GHz) FCC
Packaging	Included: Remote sensor, pet shield, corner mounting bracket, wall mounting bracket, table mounting stand, mounting hardware and double sided tape Master Carton: 4 Units

Network design



TQX (not included) is a Matter certified bridge which can connect the Remote Smart Sensor to Matter –controller smart-speakers