

KE2 Wireless Door Sensor

Specification Sheet - S.5.6 Sep, 2025

Overview

The KE2 Wireless Door Sensor allows local and remote monitoring of door openings and closings. Door open and door closed alarms notify users of excessively long openings or closings. The sensor is used with the KE2-Edge Manager Plus (KE2-EM Plus) and KE2-Edge Manager Cell (KE2-EM Cell) family of products.

Features and Benefits

- Easy to setup monitoring of door openings for walk-in coolers, freezers, reach-ins, under-counter units and more.
- Adjustable alarm for door openings and door closings. Notification is available via email and push with the KE2-EM device and email/push/text (SMS) when published to the KE2 SmartAccess portal.
- 2+ year battery life with easy to replace CR2032 battery. Adjustable low battery alert provides notification via the KE2-EM when it is time to replace.
- Data log on the KE2-EM and the portal provides a timestamped record of door openings and closings, as well as any active alarms, battery level, and signal strength.
- Local access available via the KE2-EM device, remote access, including the ability to adjust settings, available via the KE2 SmartAccess portal.
- BACnet/IP communication is available via the KE2 Edge Manager with a BACnet license.



Specifications

Operating Temperature Range:	4°F to 140°F (-20°C to 60°C)
Operating Humidity Range:	0 to 95% RH, non-condensing
Battery:	(1) CR2032 - replaceable
Battery Life:	2+ years
Broadcast Distance:	300ft (91m) line of sight
Operating Gap:	≤ 0.5" (1.5 cm)

Graph/Datalog Storage Length & Interval

Data is stored on the KE2 Edge Manager and the KE2 SmartAccess portal if published to the portal.

On KE2 SmartAccess Portal Interval is not adjustable; the data is stored at the listed interval. More recent data is stored at a shorter interval for troubleshooting purposes.	1 day @ 30-60 second interval 1 week @ 2 minute interval 1 month @ 8 minute interval 1 year @ 1 hour interval
On KE2 Edge Manager Interval is adjustable.	KE2 EM Plus/Cell 30 days @ 1 minute interval 10 months @ 10 minute intervals 5 years @ 1 hour intervals 30 years @ 6 hour intervals

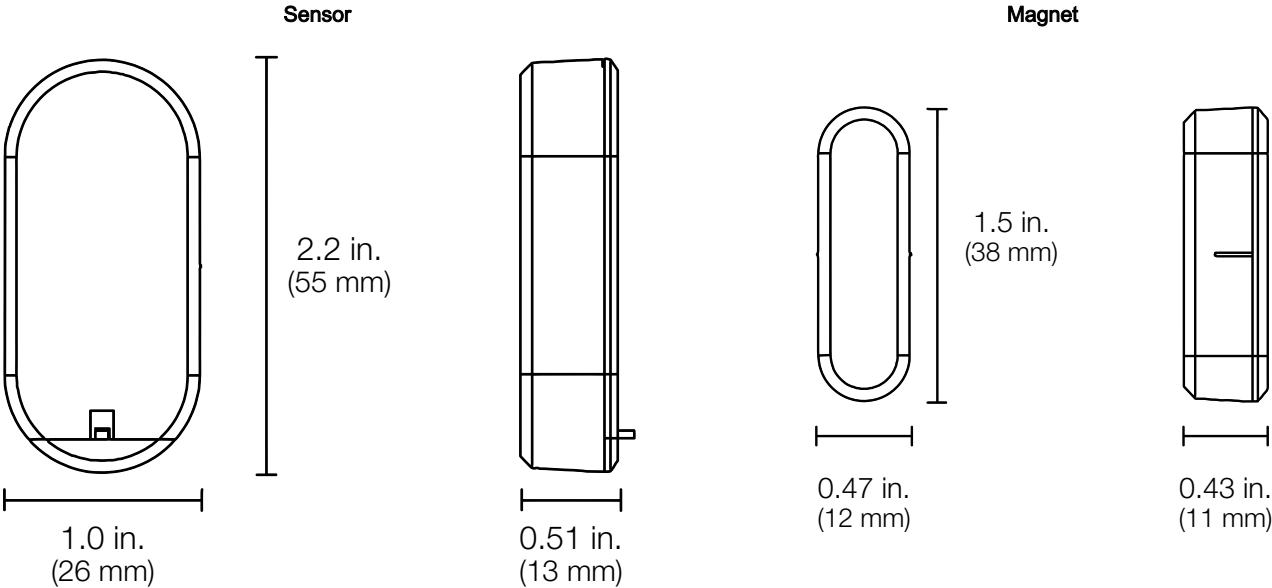
Part Numbers

Part Number	Model	Description
22115	KE2 Wireless Door Sensor	Monitor door openings and closings wirelessly. Adjustable alarms for door left open/closed. Log door openings & closings. Requires KE2-EM Plus/Cell or KE2 Service Tool App. Includes mounting adhesive.

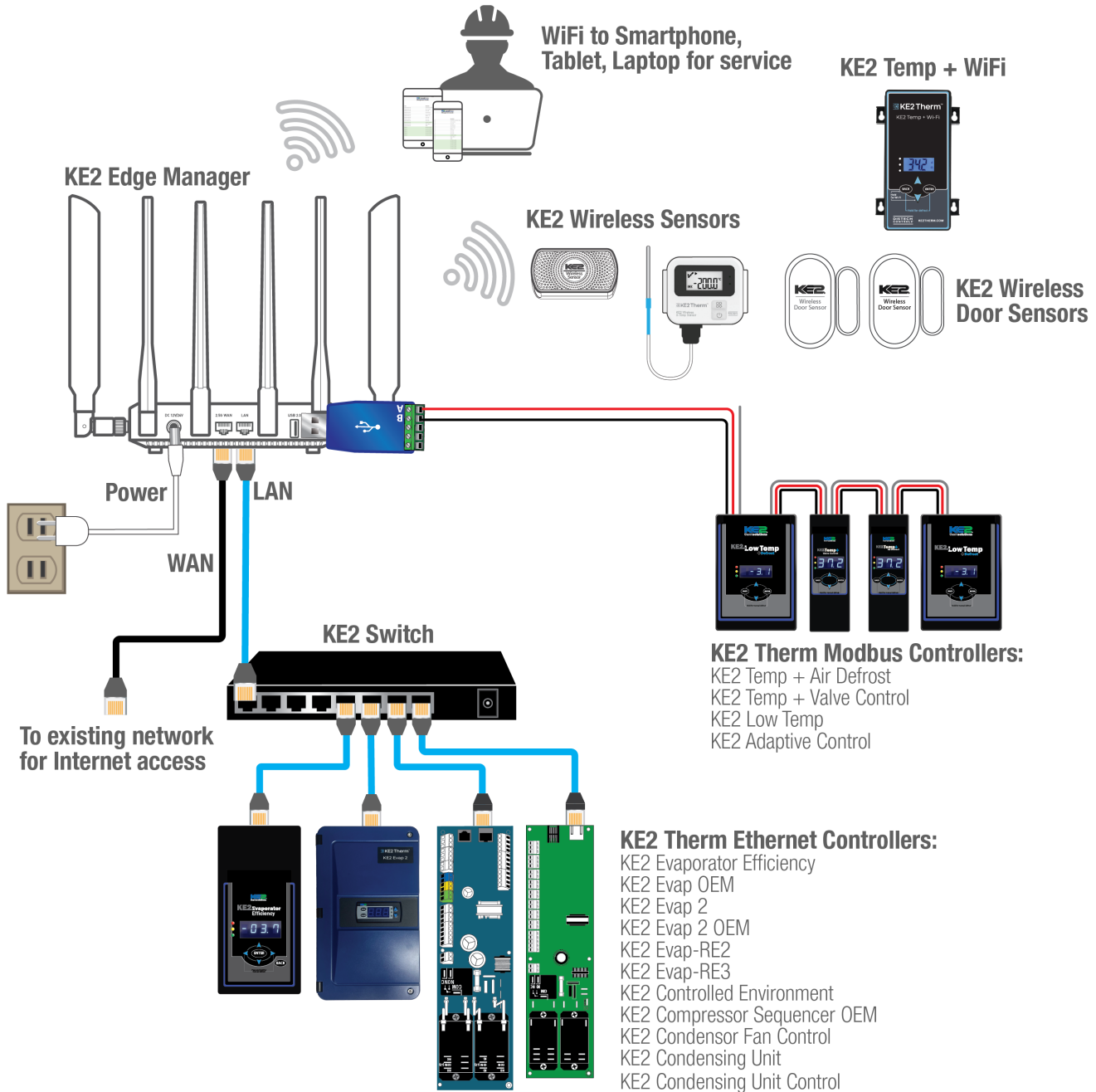


REQUIRES KE2 EDGE MANAGER PLUS OR KE2 EDGE MANAGER CELL
This wireless sensor requires a KE2 Edge Manager Plus or KE2 Edge Manager Cell to function.

Dimensions - Inches (mm)



General Diagram/Layout



IC Information

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

The term "IC: " before the certification/registration number only signifies that the Industry Canada technical specifications were met. This product meets the applicable Industry Canada technical specifications.

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS) d'Innovation, Sciences et Développement économique Canada. L'exploitation est autorisée aux deux conditions suivantes :

1. l'appareil ne doit pas produire de brouillage, et
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

Specifications subject to change without notice.

FCC information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the KE2 Therm could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

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