

ECO-DCT-WL

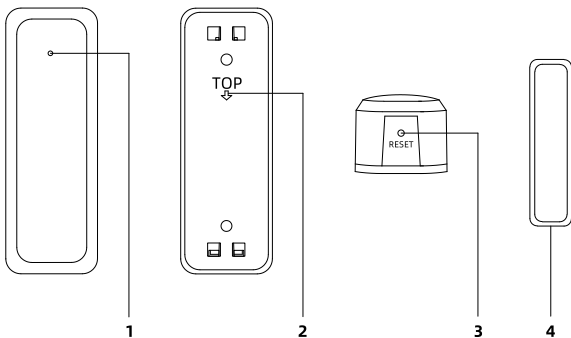
The ECO-DCT-WL (CTL-SEN-Mini/9E64) is a professional, surface-mounted wireless contact sensor designed for high-precision occupancy detection in smart hotel environments. When integrated with the ECO gateway and respiratory presence sensors, it provides critical door-state data to accurately determine room occupancy, thereby optimizing energy efficiency and operational performance. This compact device features a lightweight 8g ABS housing, operates on a Normally Closed (NC) output mode, and supports seamless wireless pairing via a dedicated reset button. As a core component of the guest room management system, it ensures a responsive, automated experience while effectively reducing unnecessary power consumption.



Features

- Seamlessly integrates with the system to accurately determine room occupancy, serving as a core component for hotel energy management.
- Utilizes advanced wireless technology to ensure real-time data synchronization and flexible deployment.
- Operates on an industry-standard Normally Closed output mode, ensuring signal stability and detection reliability.
- Supports proactive maintenance with multi-tier battery reporting (<20%, <15%, and <10%) delivered as visual alerts via the system gateway.
- Features an ultra-lightweight 8g design housed in a durable, white flame-retardant ABS shell.
- Engineered for quick surface-mount installation without damaging door or window structures.
- Main unit dimensions are 70 mm * 24 mm * 21 mm, designed to fit discreetly in various installation scenarios.

Interface

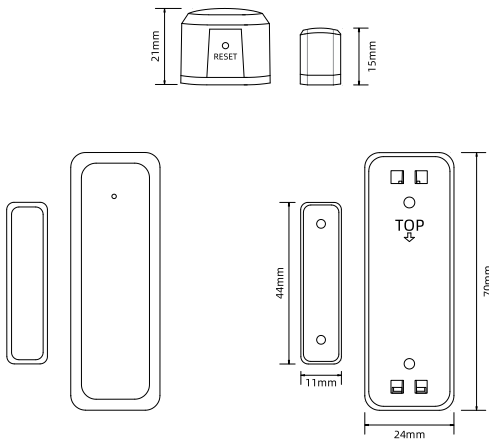


1. LED Indicator: Status feedback for pairing and detection triggers.
 2. Cover Marker: Directional guide for battery compartment removal.
 3. Reset Button: 5s hold to initiate wireless pairing.
- Magnet: Passive component for door/window state detection.

Specifications

Connectivity	Wireless
Power Supply	3V DC (2 × AAA Batteries)
Output Mode	Normally Closed (NC)
Installation Method	Surface Mounted
Dimensions (Main Unit)	70 mm × 24 mm × 21 mm
Dimensions (Magnet)	44 mm × 11 mm × 15 mm
Net Weight	8 g
Housing Material	ABS
Color	White

Dimensions



Installation Illustration

