



LD1 Door and Window Sensor  
User Manual

### Introduction

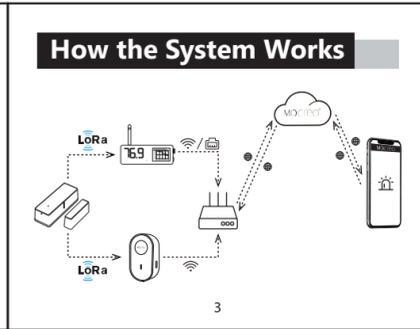
LD1 Smart Door & Window Sensor 24/7 Real-time Monitoring & Instant Alerts

Core Features & How it Works:

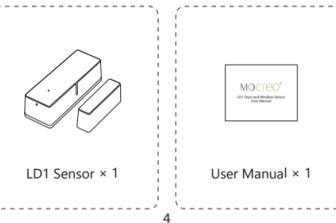
- Universal Monitoring:** Secured protection for doors, windows, and cabinets.
- Long-Range LoRa Technology:** When activity is detected, the sensor sends an

instant signal to the Hub via LoRa protocol, supporting an ultra-long range of up to 2,000 ft (Line-of-Sight).

- Cloud Connectivity:** The Hub receives the signal and uploads data to the MOCREO Cloud via 2.4 GHz Wi-Fi or Ethernet.
- App Control:** Use the MOCREO Smart App to receive immediate mobile notifications and monitor your system anytime, anywhere.

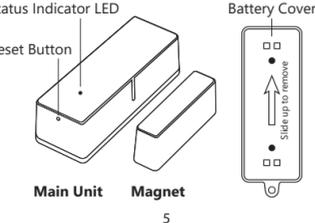


### What's in the Box



LD1 Sensor × 1  
User Manual × 1

### Product Parameter



Main Unit Magnet

### Specifications

Item	Specification
Model	LD1
Wireless Protocol	LoRa
Communication Range	Up to 2000 ft (Line-of-Sight)
Max Sensing Gap	1.18 in (30mm)
Dimensions (H × W × D)	2.9 × 1.3 × 0.9 in

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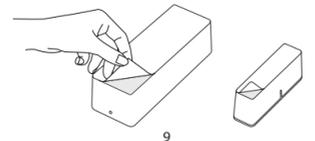
Weight	2.29 oz (65g)
Power Supply	2 × AAA Batteries (Replaceable)
Operating Temperature	32°F to 122°F (0°C to 50°C)
Environment	Indoor use only (Non-waterproof)

### LD1 Indicator & Button Behavior

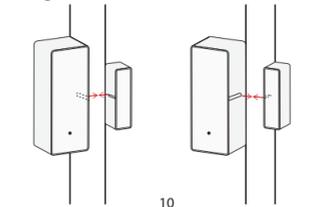
Function	LED Response
Door/Window Activity	The Blue LED flashes once whenever the door or window is opened or closed.
Single Press (Data Upload)	The Blue LED flashes once to send data and flashes again upon receiving a response.
Long Press 15s (Reset)	Hold for 15s until the Red LED flashes, then release. A Purple LED indicates the reset and restart are complete.

### Mounting Instructions

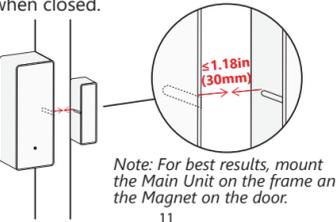
**1 Peel and Stick**  
Remove the protective film from the back of both units.



**2 Align the Marks**  
Ensure the vertical grooves on both units are aligned.



**3 Mind the Gap**  
Keep the distance within 1.18 in (30mm) when closed.



Note: For best results, mount the Main Unit on the frame and the Magnet on the door.

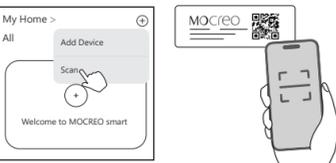
### Setup

**1 Download MOCREO Smart App**



Google Play App Store MOCREO Smart App Scan and Download

**2 Open the app to add the LD1 Sensor**



Ensure you have added a compatible Hub (H5Pro, H6Pro, or other future LoRa Hubs)

### Customer Service

<https://doc.mocreo.com/>  
 +1 (530) 988-8608  
 help@mocreo.com



User Guide Manual

**YouTube** MOCREO  
 Search [ MOCREO ] on YouTube to watch the setup video tutorials.

FCC ID (LD1 Sensor): 2BFZL-LS1 (Shared certification)



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