EN-WDR3V

EURONET DOOR CONTACT SENSOR – 433.92 MHz

Magnetic Reed Door & Window Sensor | IP54



DETECTION	DETECTION GAP
Magnetic reed	≤50mm
FREQUENCY	**POWER**
433.92 MHz	DC 3V CR2450
PROTECTION	**TRANSMISSION**
IP54	≥100m open air

OVERVIEW

The EURONET EN-WDR3V is a battery-powered wireless magnetic reed sensor for doors, windows and cabinets. When a door or window opens beyond 50mm, the magnetic circuit breaks and the sensor immediately sends a 433.92 MHz alert to the Euronet Smart Gateway Hub (EN-SGW), triggering a push notification in the Euronet IoT App. It runs on a single CR2450 coin cell with low power consumption, is IP54 rated for indoor and outdoor doors and gates, and fixes with adhesive or screws. Transmission range is 100m or more in open air.

KEY FEATURES

Instant Open Alert
Detects a door or window opening beyond a 50mm gap and immediately sends a wireless alert to the hub

Instant Phone Alert
Sends a 433.92 MHz alert to the Euronet Smart Gateway Hub for a push notification in the app

IP54 Rated
IP54 protection suits outdoor doors, windows and garden gates as well as indoor installations

Coin Cell Powered
Runs on a single DC 3V CR2450 coin cell battery with low power consumption, so no wiring is needed at all

Adhesive or Screw Mount
Peel-and-stick adhesive for quick fitting, or screw mount for permanent fixing on any frame

Reliable Transmission
ASK modulation with anti-interference transmission and a 100m+ open-air range to the gateway hub

TECHNICAL NOTE

EN-WDR3V: magnetic reed door / window contact sensor. Detection gap ≤50mm; keep magnet and sensor aligned within 20mm. 433.92 MHz, ASK modulation, ≥100m open air. DC 3V CR2450 coin cell. Built-in tamper switch. IP54. Operating -10°C to +55°C, 10–95% RH. Sensor body on frame, magnet on door or window leaf, adhesive or screw. Works with the EN-SGW hub. CE, RoHS.

© 2026 Euronet Technologies LLC. All rights reserved. | ISO 9001:2015 Certified

EN-WDR3V

PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	EN-WDR3V
Product Type	Wireless door / window contact sensor
Detection	Magnetic reed · open / close
Detection Gap	≤50mm
Tamper	Built-in tamper switch
Alert	Via hub & Euronet IoT App
Certification	CE, RoHS
POWER	
Power Supply	DC 3V (CR2450 coin cell)
Consumption	Low power
Battery Life	Not available
WIRELESS	
Frequency	433.92 MHz
Modulation	ASK
Transmission Range	≥100m open air
Compatible Hub	Euronet Smart Gateway Hub (EN-SGW)

PARAMETER	SPECIFICATIONS
ENVIRONMENT	
Operating Temperature	-10°C to +55°C
Humidity	10–95% RH
Protection Rating	IP54
INSTALLATION	
Mounting	Adhesive or screw
Position	Sensor on frame, magnet on door / window leaf
Alignment	Magnet and sensor within 20mm
Applications	Doors, windows, cabinets, gates
PHYSICAL & PACKAGING	
In The Box	Sensor, magnet strip, CR2450 battery
Dimensions	Not available

**Specifications are subject to change without prior notice.*

© 2026 Euronet Technologies LLC. All rights reserved. | ISO 9001:2015 Certified