EN-WPIRMD3V

EURONET PIR MOTION DETECTOR – WIRELESS

Wireless Indoor Motion Sensor | Battery Powered



DETECTION **PIR motion**	DETECTION RANGE **8–12m**
DETECTION ANGLE **110°**	POWER **3V 2 × AAA**
FREQUENCY **315 / 433 MHz**	TRANSMISSION **≤80m open area**

OVERVIEW

The EURONET EN-WPIRMD3V is a battery-powered wireless PIR motion detector for indoor security in homes, villas, offices and warehouses. It senses the body heat of a moving person across a 110° field at 8–12m and sends a digital wireless alarm signal to a compatible alarm panel. Digital fuzzy-logic analysis with temperature compensation helps tell real movement from interference and reduce false alarms. It runs on two AAA batteries with a static current of 15 µA or less, mounts on the wall at 1.8–2.2m, and reports low battery automatically.

KEY FEATURES

110° Wide-Angle Detection
Covers a 110° field with a detection range of 8–12m, suited to rooms, hallways and building entry points

Anti-False Alarm Logic
Digital fuzzy-logic analysis tells real human movement apart from interference signals to avoid false alarms

Temperature Compensation
All-around automatic temperature compensation keeps detection reliable as the room environment changes

Low Power, Battery Powered
Runs on 3V from 2 × AAA batteries, drawing ≤25mA working and ≤15µA static, with no mains wiring

Low Battery Alert
LED flashes three times on low voltage, and the alert helps a GSM alarm panel send a low-battery message

Test & Sleeping Modes
Test mode checks every 2.5s during setup; sleeping mode rests for 3 minutes after 4 alerts to save the battery

TECHNICAL NOTE

EN-WPIRMD3V: wireless PIR motion detector, indoor. 3V (2 × AAA batteries); current ≤25mA working / ≤15µA static. 315 / 433 MHz (ASK), transmitting power ≤10dB, transmission ≤80m open area. Detection 8–12m, 110°. Wall mount at 1.8–2.2m, at right angles to the walking direction. Operating -10°C to +55°C; humidity and certification not available. 105 × 40 × 26mm. Self-check 30s after power-on.

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

EN-WPIRMD3V

PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	EN-WPIRMD3V
Product Type	Wireless PIR motion detector
Use	Indoor
Detection	Passive infrared (human body)
Signal Processing	Digital fuzzy logic · intelligent analysis
Compensation	Automatic temperature compensation
Interference	Anti white light · anti high-frequency
Coding	Built-in millions of codes
POWER	
Power Supply	3V, 2 × AAA (alkaline)
Current	≤25mA working / ≤15μA static
Low Voltage Alert	Yes · LED flashes three times
WIRELESS	
Frequency	315 / 433 MHz (ASK)
Transmitting Power	≤10dB
Transmission Range	≤80m open area
Signal	Digital wireless to alarm panel
Pairing	Code sent on battery install

PARAMETER	SPECIFICATIONS
DETECTION	
Detection Range	8–12m (at 25°C)
Detection Angle	110°
Test Mode	Detects every 2.5s (factory default)
Sleeping Mode	Rests 3 min after 4 alerts in 3 min
Self-check	30s after power-on
INDICATION & SETTINGS	
LED, Frequent Flashing	Self-checking
LED, One Flash	Alarm (motion detected)
LED, Two Flashes	Self-check done, working mode
LED, Three Flashes	Low battery voltage
Jumper J2 / J3 / J4	Data bits / LED off / test or sleep mode
INSTALLATION & ENVIRONMENT	
Mounting	Wall, with bracket
Installation Height	1.8–2.2m (2.2m suggested)
Direction	At right angles to walking direction
Operating Temperature	-10°C to +55°C
Humidity	Not available
Avoid	Windows, air conditioners, heaters, sunlight
PHYSICAL & PACKAGING	
Dimensions	105 × 40 × 26mm
Weight	Not available
Certification	Not available
In The Box	Detector, bracket, screws, batteries, user manual

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

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