

DHI-ARD1613

Curtain PIR Detector



- Resists white light of up to 6,500 lux.
- Resistant to RF interference in circuits.
- Automatic temperature compensation.

System Overview

The device detects when people move using PIR technology.

Scene

Used in entrances and exits, such as doors, windows, balconies, elevators and corridors, to protect against intrusions.

Technical Specification

Port

Alarm Output	1 × alarm output, NC, 28 VDC, Max. 80 mA 1 × tamper output, NC, 28 VDC, Max. 80 mA
--------------	---

Function

Indicator Light	Red indicator
-----------------	---------------

Technical

Sensor	Pyroelectric infrared sensor
Detection Mode	Passive Infrared Detection (PIR)
Detection Range	Distance: 8 m (26.25 ft, wall mount); 4 m (13.12 ft, ceiling mount) Angle: 15°
Detection Speed	0.3 m/s–3 m/s (0.98 ft/s–9.84 ft/s)
White Light Resistance Level	6,500 lux
Two-way Digital Temperature Compensation	Yes
Operating Current	≤25 mA (12VDC)
Alarm Current	≤15 mA

General

Power Supply	9–24 VDC
Power Consumption	0.6 W (Max.)
Operating Temperature	–10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	≤95% (RH)
Product Dimensions	45.0 mm × 35.0 mm × 99.0 mm (1.77" × 1.38" × 3.90")
Net Weight	87.4 g (0.19 lb)
Gross Weight	119.4 g (0.26 lb)
Installation	Wall mount, ceiling mount
Casing Material	PC and ABS
Appearance Color	White
Certifications	CE
Anti-corrosion Level	Basic Protection
Storage Temperature	–10 °C to +55 °C (+14 °F to +131 °F)
Storage Humidity	≤95% (RH)
Packaging Dimensions	46.0 mm × 100.0 mm × 103.0 mm (1.81" × 3.94" × 4.06") (L × W × H)

Ordering Information

Type	Model	Description
PIR Detector	DHI-ARD1613	Curtain PIR Detector

Installation

Dimensions (mm[inch])

