**DAHUA** TECHNOLOGY

# DHI-ARD511

Glass Break Detector

· Uses a micro sensor that analyzes sound to reduce the occurrence of false alarms.
· Up to 9 m detection range and adjustable sensitivity.
· Supports locking alarms and testing the on-site environment. You can switch between the modes through the jumper cap.
· Strong resistance to electromagnetic and frequency interference.

## System Overview

The device detects when glass is breaking based on the sound signals that occur at certain ranges.

## Scene

Ideal for protecting glass windows and doors from being violently broken.

## Technical Specification

### Port

| Alarm Output | 1 × alarm output, NC, 28 VDC, Max. 80 mA<br>1 × case/wall tamper output, NC, 28 VDC, Max. 100 mA |
|---|---|

### Function

| Indicator Light | Red and green indicator |
|---|---|

### Technical

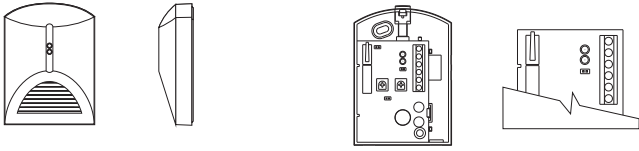| Detection Mode | Piezoelectric sensor |
|---|---|
| Sensitivity | Adjustable sensitivity |
| Detection Range | Up to 9 m (29.53 ft) |
| Anti-EMI/RFI Interference | Yes (ideal for use in base stations and warehouses) |
| Operating Current | ≤25 mA (12 VDC) |

### General

| Power Supply | 9–16 VDC |
|---|---|
| Power Consumption | 0.4 W (Max.) |
| Operating Temperature | −10 °C to +55 °C (+14 °F to +131 °F) |
| Operating Humidity | 10%–90% (RH) |

| Product Dimensions | 67.0 mm × 26.4 mm × 92.0 mm (2.64" × 1.04" × 3.62") (L × W × H) |
|---|---|
| Net Weight | 85 g (0.19 lb) |
| Gross Weight | 89 g (0.20 lb) |
| Installation | Wall mount, ceiling mount |
| Casing Material | 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 | 10%–90% (RH) |
| Packaging Dimensions | 65.0 mm × 53.0 mm × 102.0 mm (2.56" × 2.09" × 4.02")  (L × W × H) |

## Ordering Information

| Type | Model | Description |
|---|---|---|
| Glass Break Detector | DHI-ARD511 | Glass Break Detector |

## Installation



## Dimensions (mm[inch])