

HARDWIRED DETECTOR



Complies with
EN 50131-1

JS-25 COMBO

The JS-25 COMBO is an outstanding "two in one" detector, which dramatically simplifies alarm installations.. This detector combines two sensors (P.I.R. motion & acoustic glass break) in one housing. It provides three independent outputs (P.I.R. alarm, glass break alarm and tamper).

The signal from the P.I.R. sensor is electronically analyzed. This ensures that the detector provides excellent sensitivity and at the same time false alarms are basically eliminated. The detection analysis rate can be adjusted to increase its immunity if the JS-25 is installed in a problematic location. The standard lens in the detector can be replaced with an optional corridor or pet immune lens.

The dual technology glass break detector analyses air pressure changes and sounds to detect the breaking of a glass window. The signal processing guarantees a high sensitivity to the breaking of all types of glass. The sensitivity can be adjusted to match various window sizes and mounting distances. A memory feature enables the user to determine, visually, which detector triggered the alarm.

For testing, the JS-25 is equipped with two LED indicators (red confirms a P.I.R. alarm, green confirms a glass breaking alarm).

The COMBO distinguishes itself as a unique 2 in 1 solution with excellent RF immunity.

Technical Specifications

Power supply	12 V DC ± 25%
Power consumption (LED off)	max. 10 mA
Maximum consumption (LED on)	max. 35 mA
Terminals size	max. 1 mm ²
Tamper output	max. 60 V / 50 mA internal resistance max.16 Ohm
Environment	II. - general indoor, (EN 50131-1)
Operating temperatures	-10 to +55 °C
Security level	grade 2, EN 50131-1
Mounting height	2.5 m above floor
Initialization	typ. 1 minute

Motion detector specification:

Detection range	120° / 12 m (standard lens)
PIR alarm output	normally closed, max. 60V / 50 mA internal resistance max.30 Ohm

Glass break detector parameters:

Detection range	max. 9 m
Minimum glass dimensions	0.6 x 0.6 m
Alarm output	normally closed, max. 60V / 50 mA internal resistance max.16 Ohm.

