

Item Code: 1873BOBBY-AM

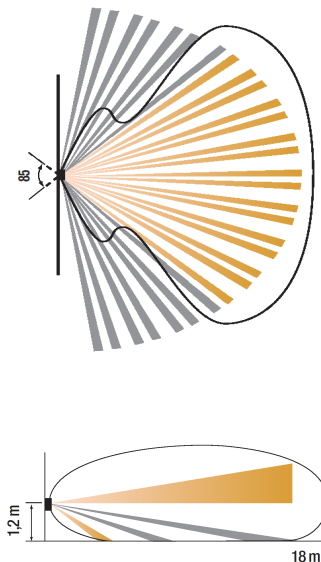
Descrizione del prodotto: Triple technology volumetric outdoor wired detector

Main features: The outdoor detector 1873BOBBY-AM, composed by two dual PIR infrared sensors and one microwave with planar cavity, has been designed and built to ensure maximum performance in outdoor environment. The electronic of detector is adjustable and allows to obtain an horizontal coverage of 85° distributed on a plane of 170°. The fixing of the detector can be both on wall and pole (height from 1 to 1.2 m). The lower infrared beam, also vertically adjustable, allows to obtain a range of coverage between a minimum of 3 m and a maximum of 18 m. The three sensors, which are managed by a microcontroller, can be combined with each other depending on the installation requirements (triple AND, MW in AND with each PIR, AND of the PIR MW excluded). Two solid state relays are used to manage outputs, alarm and antimask. The anti-masking was designed using active IR sensors that, through Fresnel lenses, have the ability to detect obstacles voluntarily affixed on lenses to prevent detection (spray, tape, paper, etc.). If set in triple AND allows the discrimination of pets (Pet-Immunity).



SPECIFICATIONS

- Detection: 2 PIR + microwave with 24 GHz frequency
- Power supply: 9 ÷ 15 Vdc
- Power consumption: 20 mA
- LED: 4 (Green PIR 1, green PIR 2, yellow MW, red alarm)
- Sensitivity: adjustable and independent for each technology
- Horizontal Coverage: 85°
- Detection range: adjustable from 3 to 18 m
- Adjustable lower PIR: micrometer through patented device
- Antimasking output: dedicated NC
- Antimask function: active IRs
- AND/OR function: selectable trough DIP-switches - triple AND • (PIR1 OR PIR2) AND MW • PIR1 AND PIR2 (MW excluded) • PIR1 AND MW (PIR2 excluded)
- Sun Anti-blinding: through high efficiency mechanical filters
- Electronic board: 90° horizontally adjustable and sealed
- Housing: polycarbonate with Fresnel lens UV-resistant
- Bracket for wall fixing: stainless steel (supplied)
- Tamper protection: against opening and tearing
- Security Grade: Grade 3 (EN 50131)
- Environmental class: IV (EN 50131-1)
- Operating temperature: -25 °C ÷ +60 °C
- Degree of Protection: IP44
- Dimensions: 81 x 56 x 189 mm
- Weight: 0.47 kg (bracket included)



AVAILABLE VERSIONS □

- **1873BOBBY-AM:** Volumetric outdoor wired detector 2 PIRS + MW + AM, grade 3
- **1875BOBBY-AM/E:** Volumetric outdoor wired detector 2 PIRs + AM, grade 3
- **1871 BOBBY/E:** Volumetric outdoor wired detector 2 PIRs, grade 2

AVAILABLE ACCESSORIES □

- **1819KR-KIT** • Anti-condensation heater kit with hygrometer
- **1821KR-KIT/E** • Anti-condensation heater kit without hygrometer
- **1966-COVERKIT** • Rain cover
- **001805/00102AA** • Stainless steel pole bracket kit
- **1951-SB5** • Bracket to rotate BOBBY detectors by 5°
- **1955-FB** • Rear plastic base to space the BOBBY detector away from the wall
- **001805/00145AA** • Polycarbonate masks to reduce the coverage area



ISO 45001: 2018
Sistema di gestione per la salute e sicurezza sul lavoro



ISO 9001: 2015
Sistema di gestione della qualità



ISO 14001: 2015
Sistema di gestione ambientale



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