

LINCE 
FEEL ■ SECURE



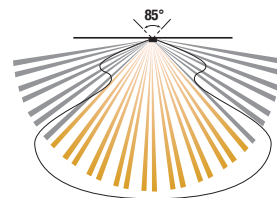
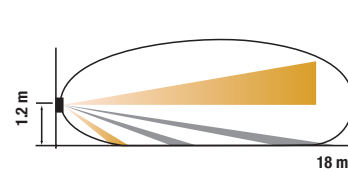
BOBBY & BABY: *the best choice for outdoor protection*

BOBBY volumetric versions



Side view

Top view



- Detection up to 18 m
- 85° coverage angle
- Double anti-masking barrier
- Epoxy treatment of boards
- Sun filters on each PIR
- Low consumption versions to house third party transmitters



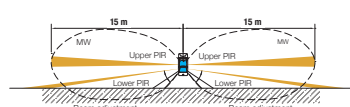
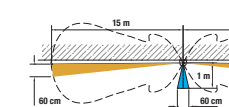
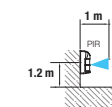
- Curtain detection up to 30 m in total
- 180° beams
- 5 anti-masking barriers
- 12 detection sensors
- Clever, ECO, CWS functions
- Epoxy treatment of boards
- Sun filters on each PIR



Side view

Top view

Front view

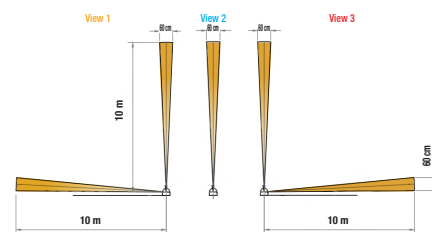
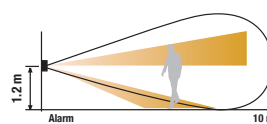


BOBBY curtain version with 90° beams



Side view

Top view



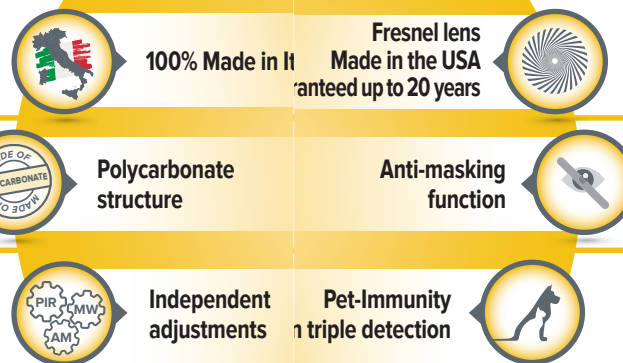
Board positions



- Curtain detection up to 10 m
- 90° beams
- Double anti-masking barrier
- Epoxy treatment of boards
- Sun filters on each PIR
- Low consumption versions to house third party transmitters



- Curtain detection up to 4 m
- Coverage (on the ground) up to 5 m
- Double anti-masking barrier
- ECO, CWS functions
- Low consumption versions to house third party transmitters

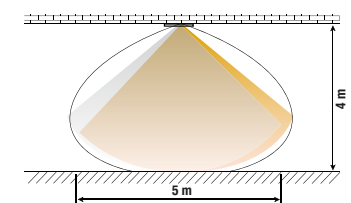
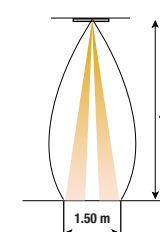


BABY



Side view

Front view



BOBBY curtain versions with 180° beams

SPECIFICATIONS*

- Detection: 5 PIRs + 2 x 24 GHz MWs
- Detection: independent for right, left and front side
- Detection range: adjustable from 3 to 15 m (independent on each side)
- Distance from the wall: adjustable 0° or 3°
- Pet-Immunity: for both sides
- Front proximity-alert: PIR, with 1 m coverage
- PIR sensors: each protected by a masking detection system
- Sun filters: 5, one for each PIR, made in Japan (high immunity to white light)
- Trimmers: 4, for PIR and MW sensitivity independent adjustment
- Dip-switch for configuration of functions: 10 (AND/OR, AM sensitivity, etc.)
- Signalling LEDs: 8
- Functions: ECO, clever, CWS, anti-tearing, anti-opening
- Digital signal processing: present
- Digital temperature compensation: present
- Immunity to EMI/RFI interferences: complies with EN 50130-4
- Lens: by Fresnel made in USA
- Cover: polycarbonate for outdoor use
- Electronic board: epoxy-protected against moisture
- Security Grade: 3 (EN 50131-2-4)
- Environmental class: IV (EN 50131-1)
- Operating temperature: -25 °C ÷ +60 °C
- Dimensions: 81 x 76 x 189 mm



VERSIONS

UNIVERSAL WIRED SERIES

Item	PIRs	MW	AM	A-AVV	Detection range by side	Max total coverage	Horizontal coverage	n. LEDs	Security Grade
1946-BOBBY180-24-AM-V	5	2 x 24 GHz	4 x IR	•	3 - 15 m	30 m	5°	8	3
1957-BOBBY180-24-V	5	2 x 24 GHz	---	•	3 - 15 m	30 m	5°	8	2
1948-BOBBY180-E	4	---	---	---	3 - 15 m	30 m	5°	6	2

BOBBY curtain versions with 90° beams

SPECIFICATIONS*

- Detection: 2 PIRs + 24 GHz MW
- LEDs: 4 (green PIR 1 and PIR 2, yellow MW, red alarm)
- Anti-masking: 2 sensors, one for each PIR (excludable)
- Sensitivity: adjustable and independent for each technology
- Horizontal Coverage (single beam): 5°
- Beam number: 3 (simultaneously selectable up to 2, positioned at 90°)
- Detection range: adjustable from 3 to 10 m
- Adjustable lower PIR: micrometer through patented device
- Housing: UV-resistant polycarbonate
- Lens: by Fresnel, UV-resistant
- Sun anti-blinding: through high efficiency mechanical filters
- Electronic board: 90° horizontally adjustable and epoxy-protected against moisture
- AND/OR function: selectable through dipswitch
- Pet-immunity: discrimination of pets if set in triple or double AND (PIR with MW excluded)
- Protection against opening and tearing: present
- Security Grade: 3 (EN 50131-2-4)
- Environmental class: IV (EN 50131-1)
- Operating temperature: -25 °C ÷ +60 °C
- Dimensions:
 - 81 x 76 x 189 mm (wired versions)
 - 81 x 98 x 189 mm (low consumption versions)



Transmitter compartment size
184 x 41.6 x 26.5 mm

UNIVERSAL WIRED SERIES

Item	PIRs	MW	AM	Detection range	Horizontal coverage
1908-BOBBY-AM-T	2	24 GHz	2 x IR	3 - 10 m	5°
1907-BOBBY-AM-T-E	2	---	2 x IR	3 - 10 m	5°
1906-BOBBY-T-E	2	---	---	3 - 10 m	5°

UNIVERSAL WIRELESS LOW CONSUMPTION SERIES

Item	PIRs	MW	AM	Detection range	Horizontal coverage
1926BOBBY-T-AM-U	2	24 GHz	2 x IR	3 - 10 m	5°
1928BOBBY-T-AM-UE	2	---	2 x IR	3 - 10 m	5°

AVAILABLE ACCESSORIES

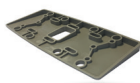


1954-SR4
Board with 4 NC relay outputs only for BOBBY180 Series:

- Right alarm
- Left alarm
- Anti-proximity alert
- Low voltage signalling
- Alarm signalling buzzer



1819KR-KIT • 1821KR-KIT/E
Heater kit with temperature sensor and with or without hygrometer



1951-SB5
Bracket for 5° rotation of the detector



1966-COVERKIT
Polycarbonate rain cover



1955-FB
Polycarbonate watertight extra spacing



001805/00102AA
Stainless steel pole (Ø 48 mm) bracket kit for BOBBY and BOBBY180 Series

SPECIFICATIONS*

- Detection: 2 PIRs + 24 GHz MW
- LEDs: 4 (green PIR 1 and PIR 2, yellow MW, red alarm)
- Sensitivity and detection range: independent for each technology (PIR/MW/AM)
- AND/OR setting: selectable through dipswitch
- Pet-immunity: discrimination of pets if set in triple AND (adjusting the detection height)
- Detection Range: curtain up to 4 m
- Coverage range (on the ground): up to 5 m
- Anti-masking function: 2 sensors, 1 for each PIR (4 adjustment levels)
- CWS function: desensitizing one of the two PIRs to determine the direction of crossing
- ECO function: MW in standby if PIR not detecting
- Electronic circuit: epoxy-protected against moisture
- Housing and lens: Polycarbonate and Fresnel lens UV resistant
- Tearing and tampering: microswitch (wireless low consumption versions); 3-axis accelerometer (wired versions)
- Degree of Protection: IP55
- Environmental Class: III (EN 50131-1)
- Security Grade: 3 (EN 50131-2-4)
- RF Immunity: compliant to EN 50130-4
- Operating Temperature: -25 °C ÷ +50 °C
- Dimensions: 256 x 34 x 41 mm



Transmitter compartment size with extra spacing area 90 x 23 x 43 mm

VERSIONS

UNIVERSAL WIRED SERIES

Item	PIRs	MW	AM	Colour
1779BABY-AM • 1789BABY-AM/M	2	24 GHz	2 x IR	white • brown
1777BABY-BA • 1787BABY-BA/M	2	24 GHz	---	white • brown
1866BABY-BA/E • 1868BABY-BA/EM	2	---	---	white • brown

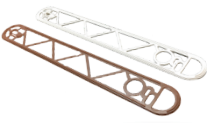
UNIVERSAL WIRELESS LOW CONSUMPTION SERIES

Item	PIRs	MW	AM	Colour
1825BABY/U • 1835BABY-M/U	2	24 GHz	2 x IR	white • brown
1872BABY/UE • 1874BABY-M/UE	2	---	---	white • brown

AVAILABLE ACCESSORIES



1949-SPB-B/1950-SPB-M
Polycarbonate bracket for outdoor wall installation to protect doors or windows



1904CPB-B/1905CPB-M
Wedge to adjust the detection angle, 8°



1949-SPB-B/1950-SPB-M
Polycarbonate watertight extra spacing

SPECIFICATIONS*

- Detection: 2 PIR + 24 GHz MW
- LEDs: 4 (green PIR 1 and PIR 2, yellow MW, red alarm)
- Sensitivity and detection range: adjustable and independent for each technology
- AND/OR function: selectable through dipswitch
- Pet-immunity: discrimination of pets if set in triple or double AND (PIR with MW excluded)
- Detection range
 - adjustable from 3 to 12 m (wireless versions)
 - adjustable from 3 to 18 m (wired versions)
- Horizontal Coverage: 85°
- Internal horizontal setting: 90°
- Anti-masking: 2 sensors (one for each PIR) with adjustable sensitivity
- Adjustable lower PIR: micrometer through patented device
- Antimasking output: dedicated NC
- Sun anti-blinding: through high efficiency mechanical filters
- Electronic board: epoxy-protected against moisture
- Housing and lens: made with highly UV resistant material
- Cover: polycarbonate with Fresnel lens UV-resistant
- Protection against opening and tearing: microswitch with gold-plated contacts
- Fixing: wall or pole (brackets available on request); height 1 ÷ 1.2 m
- Bracket for wall fixing: stainless steel (supplied)
- Environmental class: IV (EN 50131-1)
- Security Grade: 3 (EN 50131)
- RF Immunity: compliant to EN 50130-4
- Operating temperature: -25 °C ÷ +60 °C
- Dimensions:
 - 81 x 76 x 189 mm (wired versions)
 - 81 x 98 x 189 mm (low consumption versions)

*The technical specifications show the characteristics of the top-of-the-range versions



UNIVERSAL WIRED SERIES

Item	PIRs	MW	AM	Detection range	Horizontal coverage
1873BOBBY-AM	2	24 GHz	2 x IR	3 - 18 m	85°
1875BOBBY-AM/E	2	---	2 x IR	3 - 18 m	85°
1871BOBBY/E	2	---	---	3 - 18 m	85°
1673BOBBY	2	10 GHz	MW	3 - 15 m	60°

UNIVERSAL WIRELESS LOW CONSUMPTION SERIES

Item	PIRs	MW	AM	Detection range	Horizontal coverage
1896BOBBY-AM/U	2	24 GHz	2 x IR	3 - 12 m	85°
1897BOBBY-AM/UE	2	---	2 x IR	3 - 15 m	85°
1696BOBBY/U	2	10 GHz	---	3 - 12 m	60°



001805/00092AA
Stainless steel pole (Ø 48 mm) bracket kit for BOBBY/U Series



001805/00145AA
Polycarbonate masks to reduce the coverage area



001805/00152AB
Additional battery holder with terminal block



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