



Short form catalogue

Domestic equipment Movement detectors

Domestic equipment

Movement detectors



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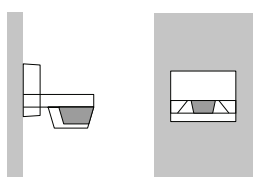
Domestic equipment

Busch Watchdog PIRs

Quality of life requires safety. Whether in the private home or in the commercial sector. Busch Watchdogs are the perfect partner for a feeling of safety. The Busch Watchdog 70/110 MasterLINE and Busch Watchdog 220/280 MasterLINE range impress with intelligence, elegance and reliability. There is a large selection of various models available for the most varied applications.

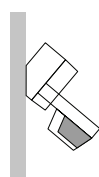
Whether

outdoor or indoor, whether for terraced houses or industrial plants – Busch Watchdogs keep watch day and night to ensure



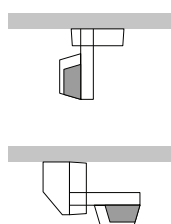
Wall mounting. The classic installation.

The Busch-Watchdog movement detectors can be easily and quickly installed. In the classical position on the wall. It is one of the most popular mounting situations.



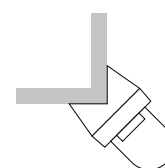
Wall mounting with gradient. Each task is carried out with consummate ease.

Busch-Watchdogs are multitasking. Even in complicated installation situations, such as in a building on a hill or with a gradient, the movement detector with the corner adaptor can be installed and adjusted in such a way that it offers the most optimum possibility for detection.



Corner mounting. Thinking around corners.

A Busch-Watchdog accepts all challenges. Thanks to a detection range of up to 280°, even the most difficult surveillance tasks are child's play. In combination with a special corner adaptor it is installed easily and quickly without any difficulty.

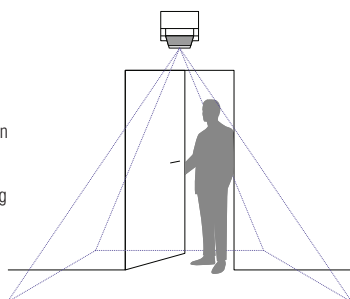


Ceiling mounting.

All good things come from above. When the Busch-Watchdog is to be installed on the ceiling, there are two versions. From the bottom for a wide detection range. Or with a corner adaptor, to be able to position the device correctly.

Technology that thinks ahead.

The Busch-Watchdog impresses with its intelligent detection ranges. And it gives the aspects of safety and comfort a new quality. A typical feature of comfort is the practical rearfield detection. When stepping out of the house it automatically switches on the outdoor lights. That means you do not step from the illuminated hallway directly into the dark, but are greeted by a reassuring light in front of the door.



Very convenient. Extension unit operation.

For example, when an exit is not within the detection range of the movement detector the extension unit push-button is a convenient solution. It can be used to manually activate the lighting when leaving the room. Persons who are approaching from a different direction are detected by the movement detector and the lights switch on automatically.



Domestic equipment

Busch Watchdog MasterLINE 70, 110, 220, 280

Features 70 MasterLINE

- Ideal for terraced houses
- Detection range 12 m towards the front and 4 m towards each side
- With four detection levels, precise detection also during frontal approach
- Movement detector mounted flat on the wall with high quality of detection
- The device can be protected against direct dismantling by means of additional screw connection
- Wall connection box with level adjustment, i.e. soft component on the rear of the wall connection box
- The status display on the device informs about the respective operating mode
- Signalling the detection for easy commissioning or for diagnostics purposes
- Option for interconnection to other loads
- With near-field surveillance, activation when exiting the door
- Automatic range stabilisation
- Automatic interference suppression
- All loads can be connected, maximum 1,400 W/VA (6 AX)
- In white, anthracite, brown and silver metallic



70 MasterLINE

Colour	Part No	Product Hierarchy 1000001 Order Code
Brown	6854AGM-201-500	6800-0-2549
White	6854AGM-204-500	6800-0-2546
Alu silver	6854AGM-208-500	6800-0-2547
Anthracite	6854AGM-35-500	6800-0-2548

110 MasterLINE

Additional features to 70 MasterLine

- Remote operation
- Important functions such as continuous light On, continuous Off, presence simulation, saving of the brightness switching threshold can be deactivated or activated with the IR remote control without a setting on the device
- Saving energy. The time for the forced switch-off depends on the set switch-off delay; however, a maximum of 90 minutes
- Switch-off delay and brightness switching threshold can be adjusted separately
- All loads can be connected, maximum 2,300 W/VA (10 AX)

110 MasterLINE

Colour	Part No	Product Hierarchy 1000001 Order Code
Brown	6855AGM-201-500	6800-0-2614
White	6855AGM-204-500	6800-0-2611
Alu silver	6855AGM-208-500	6800-0-2612
Anthracite	6855AGM-35-500	6800-0-2613

Features 220 MasterLINE

- Ideal for terraced houses
- Ideal for individual buildings
- Detection range 220°, 16 m towards all sides
- With four detection levels
- The device can be protected against direct dismantling by means of additional screw connection
- The mounting hole is compatible with all previously available Busch-Watchdog models
- Important functions such as continuous light On, continuous Off, presence simulation, saving of the brightness switching threshold can be deactivated/activated with the IR remote control without a setting on the device
- Remote operation and remote parameterisation, further settings/ functions can now be disconnected/ connected via the IR service remote control
- Saving energy. The time for the forced switch-off depends on the set switch-off delay, a maximum of 90 minutes
- Signalling the detection for easy commissioning or for diagnostics purposes
- Easy installation of cables without clamps
- No gaps in detection, homogeneous, large detection range
- Ground and rear-field detection
- Creep zone protection and activation when exiting the door
- Automatic range stabilisation. In case of changing outdoor conditions the Busch-Watchdog keeps the range constant
- Automatic interference suppression
- Presence simulation (while on holiday, for example). Continuous light is activated at nightfall, and from 10:30 p.m. the normal watchdog function continues.
- All loads can be connected, maximum 3,680 W/VA
- Available in white, anthracite, brown and silver metallic, also in white with anthracite-coloured lens



220 MasterLINE

Colour	Part No	Product Hierarchy 1000001 Order Code
Brown	6847/11AGM-201-500	6800-0-2527
White	6847/11AGM-204-500	6800-0-2524
Alu silver	6847/11AGM-208-500	6800-0-2525
Anthracite	6847/11AGM-35-500	6800-0-2526

280 MasterLINE

Additional features to 220 MasterLine

- Detection range 280°, 16 m towards all sides
- Detection on two sides of the house with the aid of the corner adaptor
- In white, anthracite, brown and silver metallic

280 MasterLINE

Colour	Part No	Product Hierarchy 1000001 Order Code
Brown	6867AGM-201-500	6800-0-2557
White	6867AGM-204-500	6800-0-2554
Alu silver	6867AGM-208-500	6800-0-2555
Anthracite	6867AGM-35-500	6800-0-2556

Domestic equipment

Busch Watchdog 220 MasterLINE premium, 220 WaveLINE

Features 220 MasterLINE premium

- Floating operating mode (230 V devices or small loads, such as 12 V devices)
- 2-zone operation
- Twilight switch mode: The second switching output can be configured as twilight switch independent of movement
- Two detection levels of 1 m towards all sides as well as second switching output (first the path illumination, then main entrance illumination)
- In white, anthracite, brown and silver metallic



220 MasterLINE premium RC

Colour	Part No	Product Hierarchy 1000001 Order Code
Brown	6848AGM-201-500	6800-0-2581
White	6848AGM-204-500	6800-0-2578
Alu silver	6848AGM-208-500	6800-0-2579
Anthracite	6848AGM-35-500	6800-0-2580

Features 220 WaveLINE

Additional features to 220 MasterLine

- Large-scale surveillance (with and without available activation)
- Retrofitting with available activation
- Reduction of installation expenditure
- Communication between sensor and actuator is wireless via HF (high frequency)
- Soft component absorber for uneven walls
- Use of conventional penlight batteries
- No operating voltage supply at the surveillance area
- Battery operation for line-independent installation. Can also be used where no mains voltage is available.
- No remote control possible due to high service life of batteries
- Battery service life between 5 to 10 years (depending on the type of battery used)
- Option of battery test, display via LED on the device
- Low-battery telegram for evaluation at corresponding display or signalling units
- Wireless control for ideal positioning to the detection range
- Large-scale surveillance. Combination of several sensors is possible.
- Retrofitting with available continuous light switching
- Reduction of installation expenditure, since laying of cables is unnecessary
- Creep zone protection in the detection range
- Microprocessor evaluation
- Dazzleproof
- Test mode (automatic transfer to standard after 10 minutes)
- Any type of loads
- In white, anthracite, brown and silver metallic

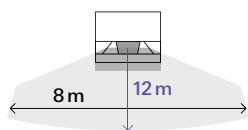
220 WaveLINE

Colour	Part No	Product Hierarchy 1000001 Order Code
Brown	6747AGM-201-500	6700-0-0038
White	6747AGM-204-500	6700-0-0035
Alu silver	6747AGM-208-500	6700-0-0036
Anthracite	6747AGM-35-500	6700-0-0037
WaveLine receiver	6701-101-500	6700-0-0040

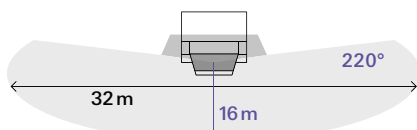
Ceiling/corner adapter

Colour	Part No	Product Hierarchy 1000001 Order Code
Brown	6868-201-500	6800-0-2565
White	6868-204-500	6800-0-2562
Alu silver	6868-208-500	6800-0-2563
Anthracite	6868-35-500	6800-0-2564

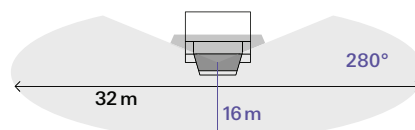
Busch-Watchdog
70 MasterLINE.



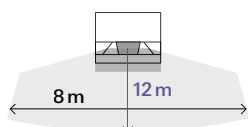
Busch-Watchdog 220 MasterLINE,
Busch-Watchdog 220 WaveLINE,
Busch-Watchdog 220 MasterLINE KNX and
Busch-Watchdog 220 MasterLINE KNX premium.



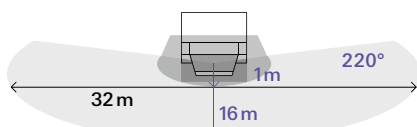
Busch-Watchdog 280 MasterLINE.



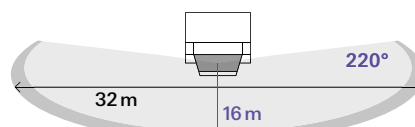
Busch-Watchdog
110 MasterLINE.



Busch-Watchdog 220 MasterLINE premium.



Busch-Watchdog 220 MasterLINE select.



Domestic equipment

Busch MasterLight

Features MasterLight

- Design to match the new generation of the Busch-Watchdog and the outdoor station of the ABB Welcome door communication
- LED lamp mounted flat on the wall (33 mm)
- Illuminant translucent white
- Homogeneous distribution of light with large luminous area due to a specially designed optical fibre
- The entrance to the house is highlighted with this basic light
- The house number can be fixed to the luminous area with the self-adhesive numbers and letters that have been supplied and also match the lamp.
- The house number can also be clearly seen and read by strangers
- A device to match the colour of the facade is always available
- Direct cable connection on the device (screw-type terminal)
- Doorway illumination is twilight dependent. When twilight sets in the LED switches the light on with approximately 15% of the maximum brightness value (ca. 1.2 W)
- Individual setting of the twilight value at which the light is switched on automatically
- For example, via an extension unit input in combination with a Busch-Watchdog the light can be switched to 100% brightness when a person approaches the house
- LED luminous efficiency 9 W (corresponds to a 40 W incandescent lamp)
- Saving of energy with innovative LED technology with nine

LEDs

- 16 different lamp colours
- Colours can also be set directly on the device
- An additional extension unit input also activates the alarm function
- In white, anthracite, brown and silver metallic



MasterLight

Colour	Part No	Product Hierarchy 9000002 Order Code
Brown	8401-204-500	8400-0-0005
White	8401-208-500	8400-0-0006
Alu silver	8401-35-500	8400-0-0007
Anthracite	8401-201-500	8400-0-0008

Domestic equipment

Busch PresenceTech 360°



Busch PresenceTech BasicLine - 360°

Basic 360°, detection range 7m ø, IP40, switching 2,000W incandescent, 1,000W halogen, 900VA fluorescent, 5sec-20min timer, 10/40/100/400/1,000 Lux, 28mm mounting depth, 2 years warranty

Description	Product Hierarchy 1000001 Order Code
6814 U-500 Busch PresenceTech BasicLine, white	6800-0-2518



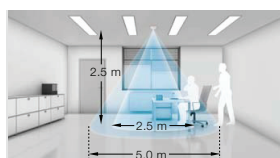
Mini 360°, detection range 5m ø, IP40, switching 2,000W incandescent, 1,000W halogen, 900VA fluorescent, 1/5/10/15min timer, 10/40/100/400/1,000 Lux, 38mm ø, 40mm mounting depth, spring clamp flush mounted, 25 mm x 162 mm x 23 mm (power box) , 2 years warranty

6811 EB-500 Busch PresenceTech BasicLine mini, white	6800-0-2517
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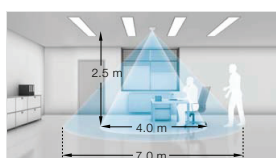


Corridor 360°, detection range 24m ø, IP40, switching 2,000W incandescent, 1,000W halogen, 900VA fluorescent, 1/5/15/30/60 min timer, 10/40/100/400/1,000 Lux + actual brightness, 19mm mounting depth, 2 years warranty

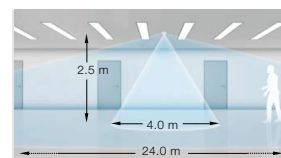
6818 U-500 Busch PresenceTech BasicLine corridor, white	6800-0-2519
6888 Surface mounting box for BasicLine corridor	6899-0-2305
6898 Protective cage	6899-0-2304
6843 IR Remote control (only BasicLine corridor)	6800-0-2511



Mini



Basic



Corridor

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