MAXIMUM SECURITY

2024
CATALOG

MAXIMUM SECURITY

WHO WE ARE
Founded in 1984, Maximum Security has established itself as a veteran and reliable company in the development and manufacturing of sensors for alarm systems. Our longevity in the industry underscores our expertise and commitment to security technologies.

MANUFACTURING EXCELLENCE
We operate a state-of-the-art manufacturing facility located in the heart of Israel. Our commitment to quality is evident in our meticulous selection of components, with key parts sourced from Japan and Europe to ensure the highest standards. Our production process is designed to maintain the highest quality control, ensuring that every product meets stringent requirements before reaching the market.

GLOBAL REACH IN EXPORTS
Our products have a robust international presence, exported to 32 countries across various continents. We are proud recipients of the Outstanding Exporter award from the State of Israel, which reflects our excellence in manufacturing and global trade and relations.

DIVERSE CLIENT BASE
We cater to various sectors. Our clientele includes installers, distribution companies, dedicated security centers, and installation companies. We also serve major industries, agricultural enterprises, and defense sectors, demonstrating our ability to meet various demanding and diverse needs.

STRATEGIC PARTNERSHIPS
We actively pursue and establish partnerships with OEM and ODM, leveraging synergies that enhance product development and widen market access. These collaborations allow us to stay at the forefront of technology and market trends.

SUPPLY CAPABILITY
As a company, we are equipped to handle large-volume orders, ensuring that we can meet the demands of both domestic and international markets promptly and efficiently. Our operational capabilities are designed to scale in response to our client's needs, ensuring timely delivery of high-quality products.

3D ANTI MASK

- Indoors wired motion detector with dual PIR technology to allow better analyzing of the detection
- Combined with antimasking by active infrared sensors.
- Detection range up to 12m

CORNER

- Indoors wired motion detector with PIR technology
- Unique and compact design
- Combined with anti masking technology by active infrared (optional)
- Detection range up to 12m

WIRED MOTION DETECTORS

SLIM BARRIER

- Peripheral active IR berrier
- For doors and windows protection
- Distance between the beams up to 20M

CURTAIN MINI

- Indoors wired motion detector with curtain field of view
- Unique and compact design
- Perfect for indoors peripheral protection
- Detection range up to 12m

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SLIM BARRIER.

A sensor for each side of the window is ideal for large display windows with blinds.
This ultra-thin device remains unaffected by environmental conditions and offers point-to-point protection with a sleek design. This exclusive product seamlessly merges technology with aesthetics, making it a favorite among architects and interior designers.

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OUTDOORS PERIPHERAL MOTION DETECTORS

CURTAIN PRO

- Outdoors wired motion detector with curtain field-of-view
- 2 PIR technology combined with MW technology (optional)
- Antinask capability by active infrared sensors
- Motion detection up to 10M

CURTAIN VERSATILE

- Outdoors wired motion detector with curtain field-of-view
- Dual technology PIR&MW
- Antimasking capability by active infrared sensors
- Motion detection up to 10M
- Unique and slender design makes it suitable for almost every opening
- Suitable for ceiling installation

CURTAIN PM

- Outdoors wired motion detector with curtain field-of-view
- Dual technology, PIR & MW
- Antinask capability by active infrared sensors
- Motion detection up to 10M

CURTAIN FLT

- Outdoors wired motion detector with curtain field-of-view
- Dual technology PIR&MW
- Antimasking capability by active infrared sensors
- Motion detection up to 6M
- Unique design that allows flush mounting of the detector Suitable for ceiling installations
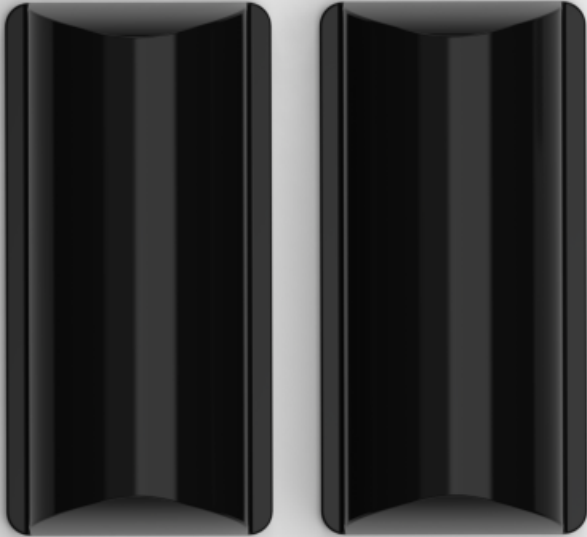
MAXIMUM WIRED

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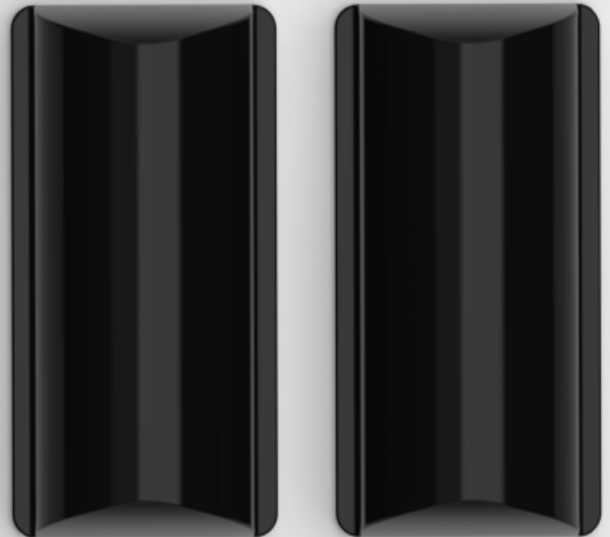
OUTDOORS PERIPHERAL MOTION DETECTORS

CURTAIN SLIM

- Outdoors wired motion detector with curtain field-of-view
- Dual technology PIR&MW
- Antimasking capability by active infrared sensors
- Motion detectionup to 10M
- Unique and slender design that makes it suitable for almost every opening

ACTIVE - 50

- Peripheral active IR berrier detector
- Suits large fields and long distance peripheral protection
- Detection range up to 50M

ACTIVE - 100

- Peripheral active IR berrier detector
- Suits large fields and long distance peripheral protection
- Detection range up to 100M

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MAX GLASS

- Indoors wired glass break detector
- Features a smart algorithm that filters out noise, thereby reducing false alarms
- Combined with unique algorithems and antimasking technology.

GLASS BREAK DETECTORS

MAX GLASS-AV

- Indoors wired glass break detector.
- Features a smart algorithm that filters out noise, thereby reducing false alarms

NO ANTI-MASK

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OUTDOORS MOTION DETECTORS

OUT-LOOK

- Outdoors wired motion detector with dual-tech PIR&MW
- Anti masking technology with active infrared sensors
- For installation at a height of 2M
- 90° opening angle
- Detection range up to 10M
- Pet immunity

GUARD

- Outdoors wired motion detector with dual-tech PIR&MW
- Anti masking technology with active infrared sensors
- For installation at a height of 2M
- 110° opening angle
- Detection range up to 10M

OUT-SMART

- Outdoors wired motion detector with dual PIR technology and MW sensor
- Adjustable PIR height
- Anti masking technology with active infrared sensors
- Installation height of 1.2M
- 110° opening angle
- Adjustable detection range up to 10M

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OUTDOORS MOTION DETECTORS

GUARD-AV

- Outdoors wired motion detector with dual-tech PIR&MW
- For installation at a height of 2M
- 110° opening angle
- Detection range up to 10M

NO ANTI-MASK

OUT-SMART-AV

- Outdoors wired motion detector with dual PIR technology and MW sensor
- Adjustable PIR height
- Installation height of 1.2M
- 110° opening angle
- Adjustable detection range up to 10M

NO ANTI-MASK

VIP

- Outdoors wired motion detector with dual-tech PIR&MW
- Anti masking technology with active infrared sensors
- Shutter behinde the lens to restrict the PIR field-of-view
- For installation at a height of 2M
- 110° opening angle
- Detection range up to 10M

MAXIMUM
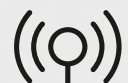## WIRED

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CORNER-WL

- Indoors wireless motion detector with PIR technology
- Unique and compact design
- Anti masking technology by active infrared sensors
- Detection range up to 12M

INDOORS MOTION DETECTORS

CORNER-AV-WL

- Indoors wireless motion detector with PIR technology
- Unique and compact design
- Detection range up to 12M

   NO ANTI-MASK

CURTAIN WL

- Indoors wired motion detector with curtain field of view
- Perfect for indoors peripheral protection
- Detection range up to 12M

CURTAIN-MINI-WL

- Indoors wireless motion detector with curtain field of view.
- Unique and compact design
- Perfect for indoors peripheral protection
- Detection range up to 12M

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VIBRA SENS WL

Indoors wireless vibration sensor
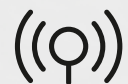to protect your doors, windows,
openings and more

MAGNET WL

Indoors wireless magnetic contact
to protect your doors, windows, openings and more

VIBRA MAG WL

Indoors wireless magnetic contact combined with vibration sensor
to protect your doors, windows, openings and more.

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SMOKE DETECTOR

Indoors wireless smoke detector for ceiling mount.
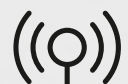Easy installation with rotating brackets

SMOKE & HEAT DETECTOR

Indoors wireless smoke & heat detector for ceiling mount.
Easy installation with rotating brackets

FLOOD DETECT WL

Indoors wireless flood detector for
detection for water leakage.

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SIREN WL

Wireless souder for alarming when a detection has occurred.

KEYPAD WL

Indoors wireless keypad for arming and disarming the system

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VIP WL

- Outdoors wireless motion detector with dual PIR technolog and MW sensor
- Anti masking technology by active infrared sensors
- For installation at a height of 2M
- Shutter behinde the lens to restrict the PIR field-of-view
- 110° opening angle
- Detection range up to 10M

GUARD

- Outdoors wireless motion detector with dual PIR technolog and MW sensor
- Anti masking technology by active infrared sensors
- For installation at a height of 2M
- 110° opening angle
- Detection range up to 10M

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CURTAIN-PRO WL

- Outdoors wireless motion detector with curtain field-of-view
- 2 PIR technology
- Antimasking capability by active infrared sensors
- Motion detection up to 10M

CURTAIN-PRO MW WL

- Outdoors wireless motion detector with curtain field-of-view
- 2 PIR technology with MW technology
- Antimasking capability by active infrared sensors
- Motion detection up to 10M

CURTAIN SLIM WL

- Outdoors wireless motion detector with curtain field-of-view.
- Dual technology with PIR&MW
- Antimasking capability by active infrared sensors
- Motion detection up to 10M.
- Unique and slender design that makes it suitable for almost every opening

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Maximum Security Technologies Overview

1. Doppler Technology
Doppler technology leverages the Doppler effect, which is the change in frequency or wavelength of a wave in relation to an observer moving relative to the wave source. In security systems, Doppler radar sensors emit microwave signals and detect the frequency shifts caused by movement. This allows for accurate detection of intruders while minimizing false alarms.

2. Pet Immunity
Pet immunity technology is designed to reduce false alarms caused by pets. These sensors can differentiate between the motion of a human and that of a pet based on size, weight, and movement patterns. This ensures that pets moving around the house do not trigger the alarm system, while human intrusions are promptly detected.

3. Anti-Mask Technology
Anti-mask technology is used to detect attempts to cover or obscure a sensor to avoid detection. This feature ensures that any tampering or masking of the sensor is identified, triggering an alert. This is crucial for maintaining the integrity and reliability of the security system.

4. Active Infrared (IR)
Active Infrared technology involves the use of infrared light emitted from a source and received by a detector. If an object interrupts the infrared beam, the sensor triggers an alarm. This technology is highly effective for perimeter protection and can detect intrusions with high precision.

5. Passive Infrared (PIR)
Passive Infrared technology detects infrared radiation emitted by objects or people. PIR sensors are commonly used in motion detectors, as they are able to sense changes in infrared radiation levels when an intruder passes in front of them. This technology is widely used due to its reliability and low power consumption.

6. Wireless RF Communication Technology
Wireless Radio Frequency (RF) communication technology allows sensors and control panels to communicate wirelessly. Our RF technology and especially F.A.S.T (our modulation technology) enables easy installation and flexible placement of sensors without the need for extensive wiring. F.A.S.T operates on various frequencies (within the allowed frequancy range) to ensure robust and secure communication between devices and allows for long distance wireless communication.