

VST-892EXC Outdoor Curtain PIR Motion Sensor Camera

Optimum Camera Coverage, Premium Image Quality



- Vertical / Horizontal Curtain Detection Pattern
- Anti-masking
- IP65 for Outdoor Application

VST-892EXC is an outdoor curtain passive infrared (PIR) motion sensor camera leveraging F1 technology with long RF communication range, enhanced penetration and sensitivity rate, immediate image transfer rate, and advance dynamic speed adjustment algorithms. VST-892EXC offers two detection patterns: horizontal curtain and vertical curtain. Horizontal curtain features pet immunity; Vertical curtain is ideal for perimeter applications. VST-892EXC features anti-masking function, which allows for detection of any attempts to blind the detector by placing objects in its field of view.

VST-892EXC has a unique antenna designed with maximized receiver sensitivity to ensure precise transmission and reception of signals, resulting in enhanced penetration rate, allowing users and installers to flexibly set up on large or complicated premises.

With UV resistant housing and waterproof to IP65 standard, VST-892EXC is ideal for backyards, lawns, gates, outdoor corridors and hallways. The combination of color VGA/QVGA images ensures that all details vital to visual alarm verification are promptly notified to users.

Features

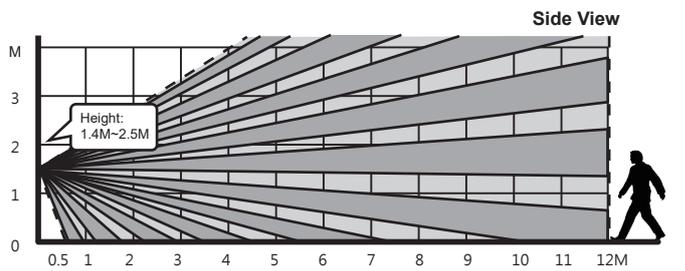
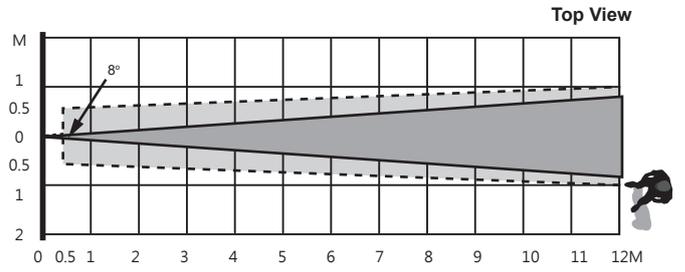
- Detects suspicious movements by passive infrared technology with curtain detection pattern
- Vertical / Horizontal curtain detection pattern
- Change detection pattern by changing the direction of PIR lens
- Horizontal detection pattern provides pet immunity (pet's weight/height: 60 kg / 75 cm)
- Advanced Dynamic Speed Adjustment Algorithms to maintain stable and fast image transfer speed based on signal quality
- Three alarm image processing options:
 - One color VGA (640x480 pixels) alarm images
 - Three color QVGA (320x240 pixels) alarm images
 - Six color QVGA (320x240 pixels) alarm images
- Delivers one image upon request
- Night illumination capability
 - Warm white fill light covering up to 5 meters
 - Infrared (IR) fill light covering up to 7 meters
- IP65 for outdoor usage
- Anti-masking feature allows for detection of any attempts to blind the detector
- Calibration line & tilting scales for mounting adjustment
- Detection range: 12 meters
- F1 technology accelerate the speed of signal transmission, boosts communication range
- LED status indicator
- Regular supervision signals ensure proper operation
- Compatible with Climax's F1 gateways/control panels and Repeater RP-29 / RMB-29
- Tamper protection to prevent unauthorized sabotage
- Low battery detection
- Ideal for balconies, poolsides, garages, entrances, French doors, sidewalks, etc.

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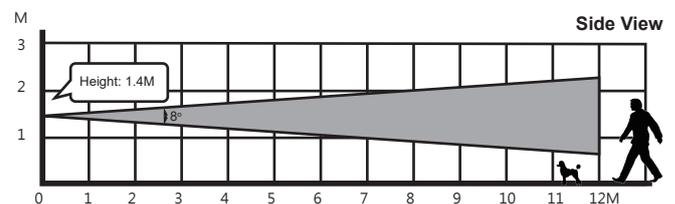
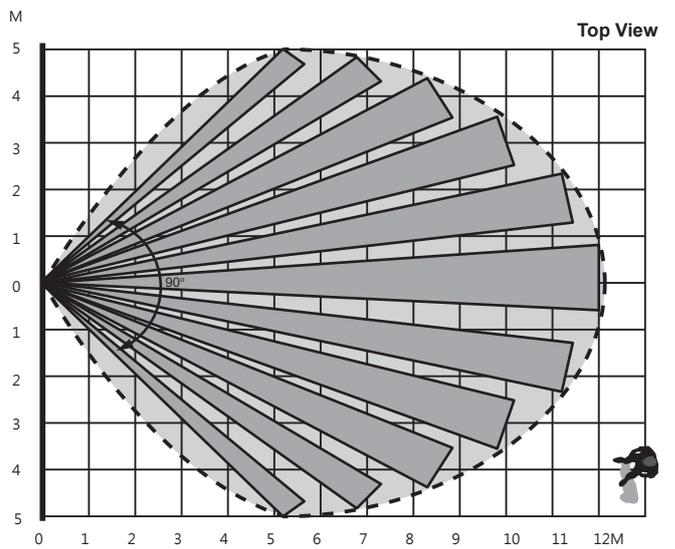
PIR Detection Range



Vertical Curtain Detection Range



Horizontal Curtain Detection Range



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Specifications

PIR Motion Sensor	
Detection Range	Vertical: 12 m over 8° degrees @ 1.4-2.5m Horizontal: 12 m over 90° degrees @ 1.4m
Camera	
Lens	VGA CMOS Camera
Field of View	(H) 102° degrees
Resolution	640 x 480 pixels or 320 x 240 pixels
Night Illumination	Warm white fill light covering 5 meters (VST-892-EXC) Infrared (IR) fill light covering 7 meters (VST-892-EXC-IL)
Mechanical	
Frequency	F1 868 MHz / F1 433 MHz
Power Source	1.5V, L91 Lithium batteries x 4
Battery Life	8 years*
Range	400m - 900m in open space
Data Rate	10k, 20k, 30k, 50k, 80k
Rotating Angles (with Rotating holder)	30° degrees vertically
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	VST-892EXC: 165.4 mm x 73 mm x 86 mm VST-892EXC (mounted with rotating holder): 165.4 mm x 73 mm x 148 mm Rotating holder: 76 mm x 55 mm x 63 mm

* Note: Actual battery life may vary with product settings, operating environment, and usage patterns.

Ordering Information

VST-892-EXC	Outdoor Curtain PIR Motion Sensor
VST-892-EXC-IL	Outdoor Curtain PIR Motion Sensor