

VST-892EX Outdoor PIR Motion Sensor Camera

Optimum Camera Coverage,
Premium Image Quality



- Anti-masking
- Installation Height of 2.3 Meters
- Remotely Adjust Double Knock and Sensitivity

VST-892EX is a new generation outdoor passive infrared (PIR) motion sensor camera that features anti-masking function, which allows for detection of any attempts to blind the detector by placing objects in its field of view. With an installation height of 2.3 meters above the ground, the higher mounting height can better suit the user's needs. The camera also supports remote control of double knock alert system and remote adjustment of sensitivity range.

VST-892EX 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.

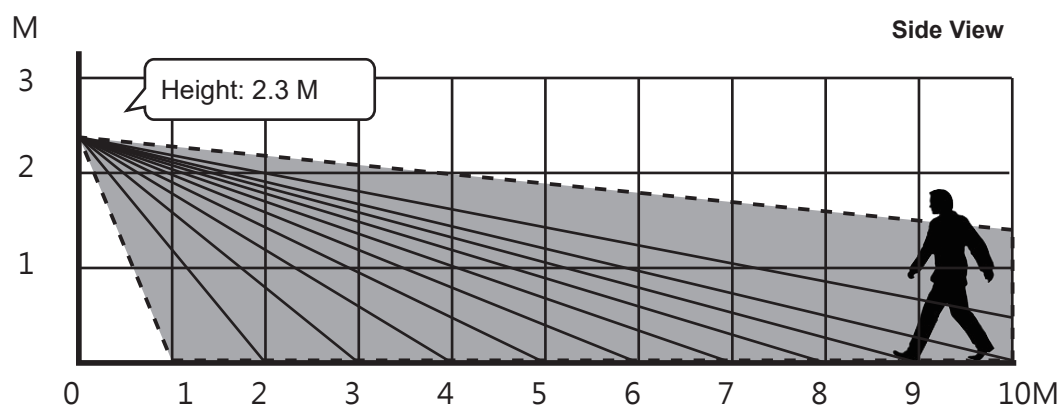
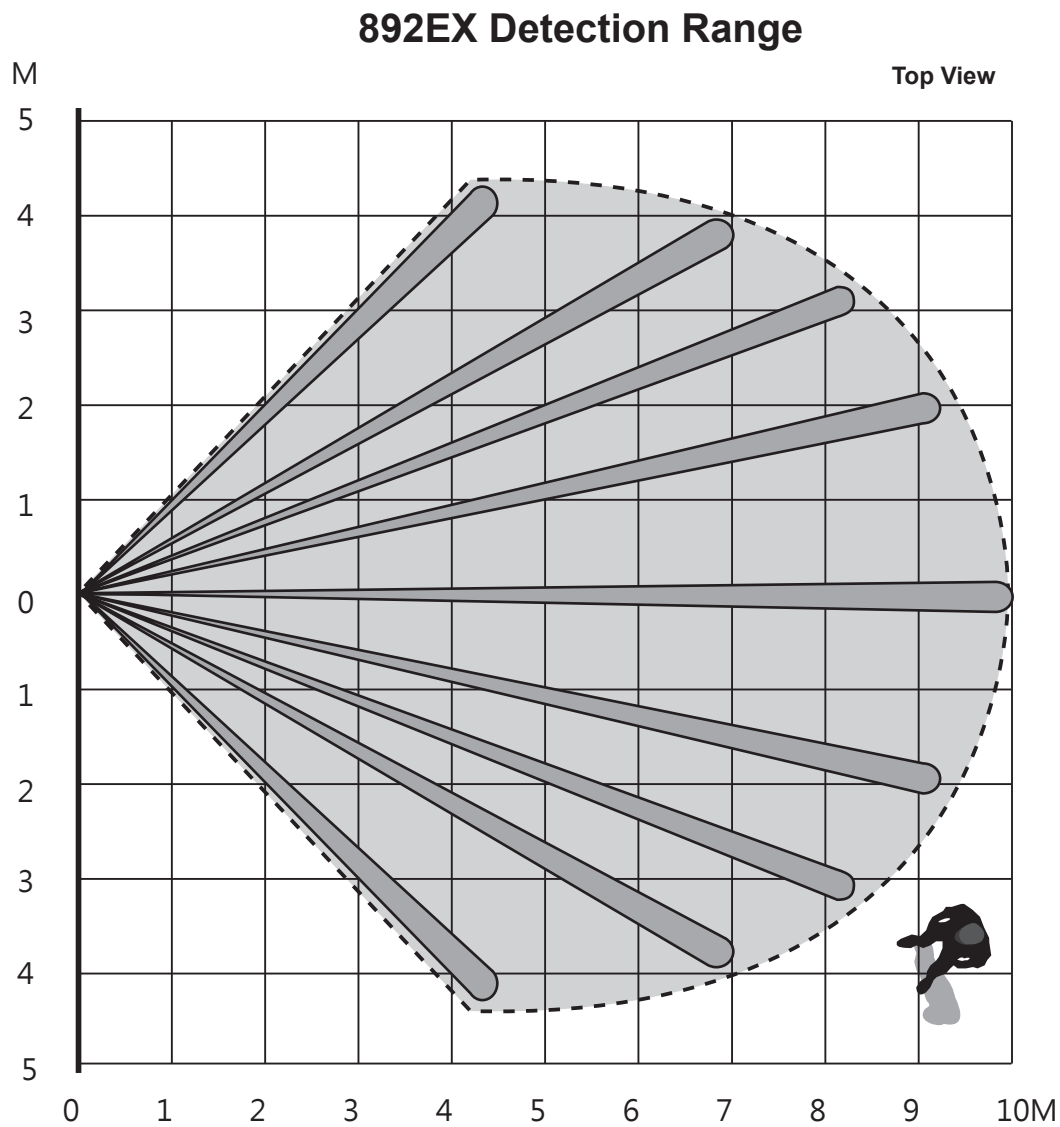
With UV resistant housing and waterproof to IPX5 standard, VST-892EX is ideal for backyards, lawns, gates, outdoor corridors and hallways. The combination of color VGA/QVGA images ensures that all details vital to visual alarm verification are promptly notified to users.

Features

- Anti-masking feature allows for detection of any attempts to blind the detector by placing objects in its field of view
- Installation height of 2.3 meters above ground
- Remote control of double knock system and sensitivity adjustment
- Pet immunity configuration via jumper switch
- Advanced Dynamic Speed Adjustment Algorithms to maintain stable and fast image transfer 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
- Night illumination capability
 - Warm white fill light covering up to 5 meters
 - Infrared (IR) fill light covering up to 7 meters
- Delivers one image upon request
- IPX5 for outdoor usage
- Detection range: 10 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.
- EN50131 Grade 2, Class IV certified

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PIR Detection Range



Pet's Weight: 60 kg (Low Sensitivity)
35 kg (Medium Sensitivity)
20 kg (High Sensitivity)

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Specifications

PIR Motion Sensor	
Range	10 meters
Horizontal Angle	90° degrees
Installation Height	2.3 meters
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-892EX) Infrared (IR) fill light covering 7 meters (VST-892EX-IL)
Mechanical	
Frequency	868 MHz / 433 MHz
Power Source	1.5V, L91 Lithium batteries x 4
Battery Life	9 years*
RF Range	400 m - 900 m in open space
Mounting Options	Wall / Corner mount Optional accessory: Rotating holder
Rotating Angles (with Rotating holder)	Horizontal: 90° angle
Operating Temperature	-25°C to 60°C (-13°F to 140°F)
Operating Humidity	Up to 85% non-condensing @23°C
Dimensions	76.5 mm x 190.37 mm x 76.6 mm Rotating holder: 85.3 mm x 50.3 mm x 32.7 mm

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

Ordering Information

VST-892EX	Outdoor PIR Motion Sensor Camera with warm white fill light, with anti-masking
VST-892LEX	Outdoor PIR Motion Sensor Camera with warm white fill light, without anti-masking
VST-892EX-IL	Outdoor PIR Motion Sensor Camera with infrared (IR) fill light, with anti-masking
VST-892LEX-IL	Outdoor PIR Motion Sensor Camera with infrared (IR) fill light, without anti-masking