VST-894(M)

HD Outdoor Motion Sensor Camera

- 2 independent PIR sensors only raise the alarm when both react to the movement
- Low-mounted PIR base with installation height of 0.8-1.2m
- Adjustment of detection range from 2.5 to 12 meters
- Rotatable angle up to a total of 90° to achieve flexible installation

VST-894(M)

HD Outdoor Motion Sensor Camera

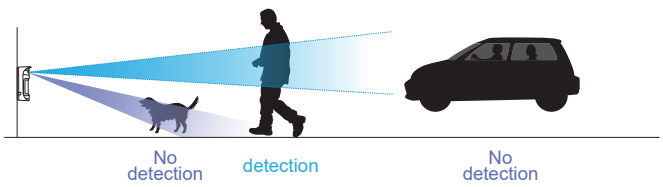
VST-894 is a new-generation Outdoor Motion Sensor Camera featuring two independent PIR sensors, installation height ranging from 0.8 to 1.2 meters and special analysis logic to provide exceptional detection precision.

Utilizing a unique dual-lens design, an alarm is only triggered when both the upper and lower PIR detection zones are crossed, dismissing false alarms. Moreover, VST-894 employs cutting-edge digital signal recognition logic, improving noise immunity through pattern analysis and environmental data evaluation, therefore effectively differentiating between false alarms and actual intrusions.

Additionally, VST-894 incorporates SF1 technology, which enables it to excel with 2 to 3 times faster VGA/QVGA alarm image transmission speed. With increased processing speed, the camera can send detailed HD images (up to 1280 x 720 pixels) for precise verification, thereby offering clear visual verification to achieve enhanced security benefits.

Two independent IR Lens

The two IR lens trigger alarm when both sensors detect movement, reducing false alarms.



Installation Height

The installation height is at 0.8 to 1.2 meters.

High-Speed File Transfer

SF1 technology accelerates alarm image transmission by **2 to 3 times**, realizing file transfer at ground-breaking speed.

HD Image Transmission

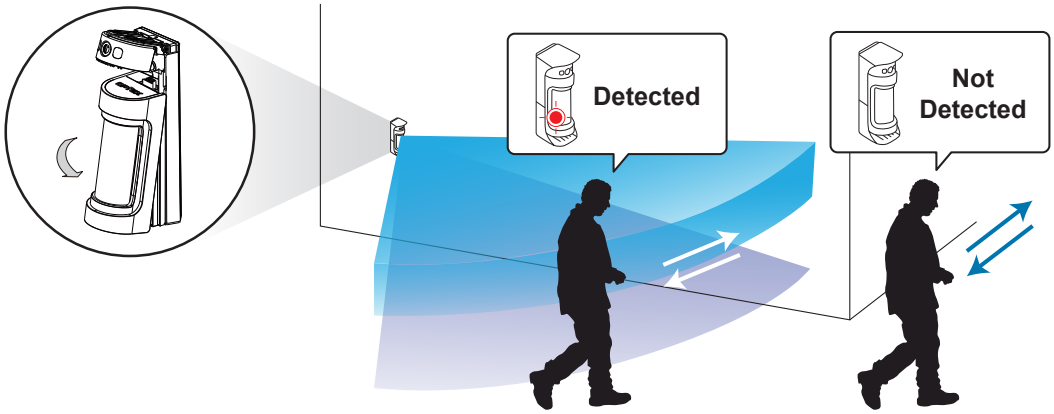
With heightened SF1 processing speed, the camera transmits larger **HD images** (up to 1280 x 720 pixels), for more comprehensive alarm visual verification.

Anti-masking

The function identifies obstructions on the lens during detector's operational status monitoring.

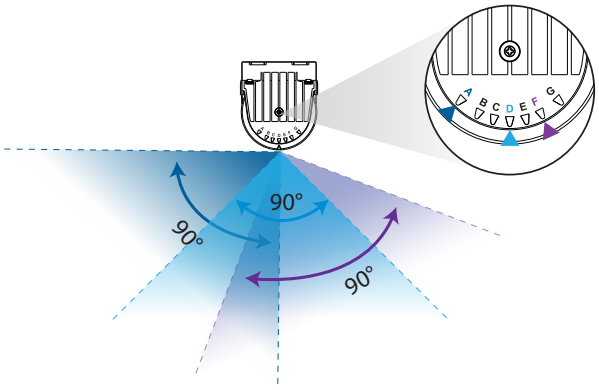
Walk Test

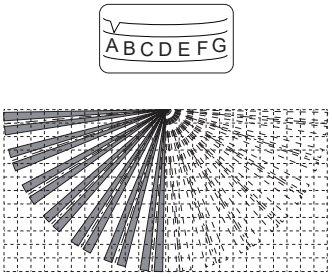
The walk test is initiated automatically upon closing the cover.



Rotatable angle

The rotatable angle is up to a total of 90° to achieve flexible installation.

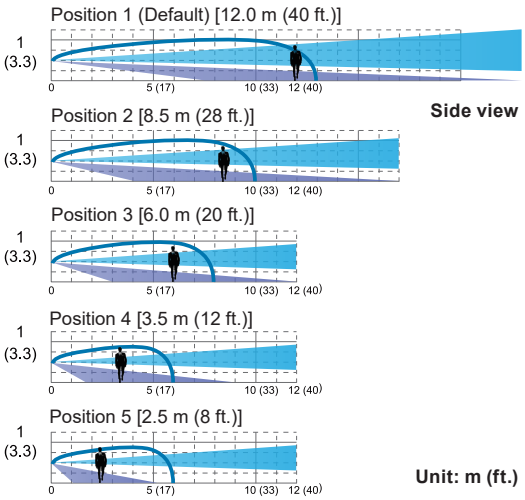




Detection range

The detection range is flexible, adjustable from 2.5 to 12 meters, with 5 levels.

Detection Length Adjustment

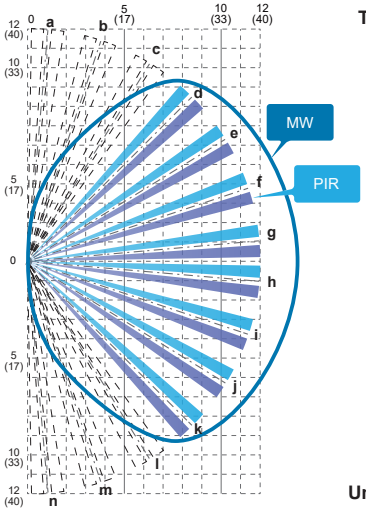


Side view

Unit: m (ft.)

PIR Area Direction

Position D



Top view

Unit: m (ft.)

Other Features

- Unique technological analysis improves immunity against various noise factors such as climate changes and vegetation sways
- Vertical curtain detection range: adjustable from 2.5 to 12 meters (5 levels)
- Rotatable angle up to a total of 90° (left: 45°, right: 45°)
- Installation height: 0.8 to 1.2 meters
- Send video in 30 seconds maximum (6 images for video verification alarm event)
- The microwave feature to reduce false alarms and enhance motion detection accuracy (VST-894M model only)
- Remote control of pet immunity, sensitivity, and temperature adjustment
- Detection pattern provides pet immunity (pet's weight: 25 kg)
- Three alarm image processing options:
  - One color HD (1280x720 pixels) alarm images
  - Three color VGA (640x480 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 10 meters
  - Infrared (IR)fill light covering up to 10 meters outdoor
- Active Infrared anti-masking
- Double conductive shielding (It blocks visible light disturbance and RFI)
- Regular supervision signals ensure proper operation
- Tamper protection to prevent unauthorized sabotage
- Temperature compensation and environmental noise immunity
- IP55 for outdoor usage
- EN50131 Grade 2, Class IV certified

Specifications

VST-894(M) HD Outdoor Motion Sensor Camera

PIR Motion Sensor	
Range	12 meters
Horizontal Angle	90° degrees / 16 zones
Rotatable angle	90° (left: 45°, right: 45°)
Installation Height	0.8 - 1.2 meters
Vertical curtain detection range	2.5 to 12 meters (5 levels)
Pet immunity	25 kg
Temperature compensation	Supported
Camera	
Lens	HD CMOS Camera
Field of View	(H) 102° degrees
Rotatable angle	90° (left: 45°, right: 45°)
Resolution	1280 x 720 pixels or 640 x 480 pixels or 320 x 240 pixels
Night Illumination	10 meters
Mechanical	
Frequency	868MHz / 919MHz
Power Source	L91 AA battery x 4
Battery Life	8.8 years* (VST-894) / 8 years* (VST-894M)
Mounting Options	Wall / Corner mount
Operating Temperature	-20°C to 55°C (-4°F to 131°F)
Operating Humidity	Up to 95% non-condensing
Dimensions	276.9 mm x 98.5 mm x 115 mm

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

Ordering Information

VST-894	HD Outdoor Motion Sensor Camera with Dual Lenses and Flash LED
VST-894-IL	HD Outdoor Motion Sensor Camera with Dual Lenses and Infrared LED
VST-894M	HD Outdoor Motion Sensor Camera with Dual Lenses, Flash LED and Microwave Function
VST-894M-IL	HD Outdoor Motion Sensor Camera with Dual Lenses, Infrared LED and Microwave Function

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