

A pioneer in sending
HD images via RF with
world-beating speed



VST-892EX-HD

Outdoor HD PIR Motion Sensor Camera

- The first motion sensor camera that can transmit HD image via RF channel for visual verification
- Employs industry-leading SF-1 technology to accomplish high-speed data transfer

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Outdoor HD PIR Motion Sensor Camera



VST-892EX-HD is a new generation outdoor passive infrared (PIR) motion sensor camera with enhanced transmission speed, capable of capturing and sending high definition images (picture quality of up to 1280 x 720 pixels) to the Control Panel upon movement detection. The outdoor motion sensor camera adopts revolutionary SF1 technology, which makes it the first to support transfer of HD images by RF network. Featuring night illumination capability, with UV resistant housing, and waterproof to IPX6 standard, VST-892EX-HD is ideal for backyards, lawns, gates, outdoor corridors and hallways.

While preserving the benefits from the previous generation of products, VST-892EX-HD takes a step further with SF1 technology. VST-892EX-HD is capable of leveraging VGA/QVGA alarm image transmission speed at around 2 to 3 times faster than the available rate to date, which makes it the fastest in the current industry. Due to the faster processing speed, the motion sensor camera is capable of sending HD images for more detailed verification.

Currently, the outdoor motion sensor cameras only support Wi-Fi for HD image transfer, which is more prone to signal interferences, and require AC power. VST-892EX-HD is the first model to support transfer of HD images via RF network, which reduces signal interferences, making data transmission smoother. VST-892EX-HD supports operation by battery, which makes the devices easier to install and flexible to use at more outdoor locations.



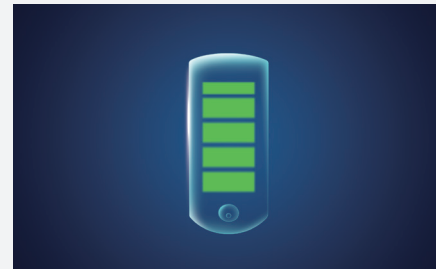
HD Image Transfer

Transfer of HD image via RF channel for visual alarm verification



Faster Speed

Transmit HD images at 14 seconds*



Ultra-low Power Consumption

Save battery life to heighten flexibility and stability

Other Features

- Picture quality of up to 1280 x 720 pixels
- A detection range of 10 meters when mounted at 2.3 meters above ground
- Pet immunity enabled / disabled by remote control setting
- Pet weight/height: Up to 60 kilograms
- Three adjustable sensitivity levels: High / Normal / Low
- Three alarm image processing options:
 - One color HD (1280x720 pixels) alarm images
 - Three color VGA (640x480 pixels) alarm images
 - Six color QVGA (320x240 pixels)
- 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
- IPX6 for outdoor usage
- Anti-masking feature allows for detection of any attempts to blind the detector
- Tamper protection to prevent unauthorized sabotage

Specifications

VST-892EX-HD Outdoor HD PIR Motion Sensor Camera

PIR Motion Sensor	
Range	10 meters
Horizontal Angle	90° degrees
Installation Height	2.3 meters
Camera	
Lens	HD CMOS Camera
Field of View	(H) 106° degrees
Resolution	1280 x 720 pixels, 640 x 480 pixels or 320 x 240 pixels
Night Illumination	Warm white fill light covering 10 meters (VST-892EX-HD) Infrared (IR) fill light covering 10 meters (VST-892EX-HD-IL)
Mechanical	
Frequency	868 MHz / 433 MHz
Power Source	1.5V, L91 Lithium batteries x 4
Battery Life	6.25 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	-20°C to 60°C (-4°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-HD-SF1	Outdoor HD PIR Motion Sensor Camera with warm white fill light, with anti-masking
VST-892LEX-HD-SF1	Outdoor HD PIR Motion Sensor Camera with warm white fill light, without anti-masking
VST-892EX-HD-IL-SF1	Outdoor HD PIR Motion Sensor Camera with infrared (IR) fill light, with anti-masking
VST-892LEX-HD-IL-SF1	Outdoor HD PIR Motion Sensor Camera with infrared (IR) fill light, without anti-masking