

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



VST-892HD

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

VST-892HD

HD PIR Motion Sensor Camera



VST-892HD is a new generation passive infrared (PIR) motion sensor camera with enhanced transmission speed, capable of capturing high definition images (picture quality of up to 1280 x 720 pixels) to the Control Panel upon movement detection. The motion sensor camera adopts revolutionary SF1 technology, which makes it the first to support transfer of HD images by RF network. Moreover, HDR technology delivers detailed images even in high-contrast lighting.

With SF1 technology, VST-892HD delivers VGA/QVGA alarm images at 2–3 times than its predecessor, making it the fastest model available. The higher processing speed also enables HD image transmission for clearer visual verification, ensuring critical details are sent to users promptly.

Most motion sensor cameras rely on Wi-Fi for HD images—prone to interference and requiring AC power. VST-892HD is the first to support HD image transfer via RF, offering smoother, more reliable transmission. It also operates on battery power for easier installation and wider placement options. With ultra-low power consumption, VST-892HD extends battery life and reduces maintenance costs.

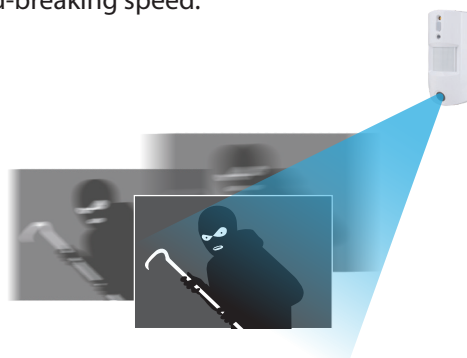
HD Image Transfer

Transfer of HD image via RF channel for visual alarm verification



Faster Speed

Accelerates alarm image transmission with QVGA in less than 4 seconds, realizing file transfer at ground-breaking speed.



HDR Imaging

High Dynamic Range (HDR) improves clarity in high-contrast lighting environments, ensuring visibility in both bright and shadowed areas



Other Features

- Picture quality of up to 1280 x 720 pixels
- A detection range of 12 meters when mounted at 2.3-2.5 meters above ground
- Pet immunity enabled / disabled by remote control setting
- Pet weight: Up to 25 kilograms
- Two adjustable sensitivity levels: High / Normal
- High Dynamic Range (HDR) improves clarity in high-contrast lighting environments
- 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
- Anti-masking feature allows for detection of any attempts to blind the detector
- Tamper protection to prevent unauthorized sabotage
- EN50131 Grade 2, Class II certified

Specifications

VST-892HD HD PIR Motion Sensor Camera

PIR Motion Sensor	
Range	12 meters
Horizontal Angle	90° degrees
Installation Height	2.3-2.5 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-892HD) Infrared (IR) fill light covering 10 meters (VST-892HD-IL)
Mechanical	
Frequency	868MHz / 433MHz / 919MHz
Power Source	3V, CR123A Lithium battery x 3 1.5V, AA Alkaline battery x 2
Battery Life	Lithium: 6 years* Alkaline: 3 years*
RF Range	400 m - 900 m in open space
Mounting Options	Wall / Corner mount
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	123 mm x 63 mm x 53.6 mm

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

Ordering Information

VST-892HD	HD PIR Motion Sensor Camera with warm white fill light, with anti-masking
VST-892HDR	HD PIR Motion Sensor Camera with warm white fill light, with anti-masking and HDR
VST-892L-HD	HD PIR Motion Sensor Camera with warm white fill light, without anti-masking
VST-892L-HDR	HD PIR Motion Sensor Camera with warm white fill light, without anti-masking, with HDR
VST-892HD-IL	HD PIR Motion Sensor Camera with infrared (IR) fill light, with anti-masking
VST-892HDR-IL	HD PIR Motion Sensor Camera with infrared (IR) fill light, with anti-masking, with HDR
VST-892L-HD-IL	HD PIR Motion Sensor Camera with infrared (IR) fill light, without anti-masking
VST-892L-HDR-IL	HD PIR Motion Sensor Camera with infrared (IR) fill light, without anti-masking, with HDR