

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

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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.

While preserving the benefits from the previous generation of products, VST-892HD takes a step further with SF1 technology. VST-892HD 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. The upgrade ensures that all details vital to visual alarm verification are promptly notified to users.

Currently, motion sensor cameras only supports Wi-Fi for HD image transfer, which is more prone to signal interferences, and requires AC power. VST-892HD is the first model to support transfer of HD images via RF network, which reduces signal interferences, making data transmission smoother. VST-892HD supports operation by battery, which makes the devices easier to install and flexible to use at more locations. Moreover, VST-892HD consumes ultra-low power and allow for smoother operation, which helps saving the devices' battery life, thereby saving maintenance costs.



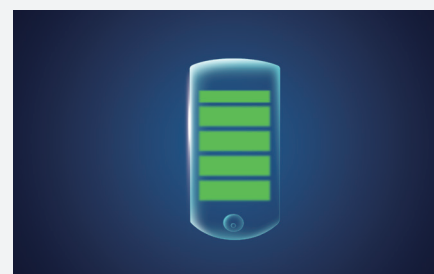
HD Image Transfer

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 12 meters when mounted at 2.3-2.5 meters above ground
- Pet immunity enabled / disabled by remote control setting
- Pet weight/height: Up to 25 kilograms
- Two adjustable sensitivity levels: High / Normal
- 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

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	868 MHz / 433 MHz
Power Source	3V, CR123A Lithium battery x 3 1.5V, AA Alkaline battery x 2
Battery Life	Lithium: 4.8 years* Alkaline: 2.6 years*
Range	400 m - 900 m in open space
Mounting Options	Wall / Corner mount Optional accessory: Rotating holder
Rotating Angles (with Rotating holder)	Vertical: 70° angle Horizontal: 90° angle
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	63 mm x 123 mm x 45 mm (VST-892-HD) Corner mount bracket: 44 mm x 39 mm x 20 mm Rotating holder: 70 mm x 50 mm x 34 mm

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

Ordering Information

VST-892HD-SF1	HD PIR Motion Sensor Camera with warm white fill light, with anti-masking
VST-892L-HD-SF1	HD PIR Motion Sensor Camera with warm white fill light, without anti-masking
VST-892HD-IL-SF1	HD PIR Motion Sensor Camera with infrared (IR) fill light, with anti-masking
VST-892L-HD-IL-SF1	HD PIR Motion Sensor Camera with infrared (IR) fill light, without anti-masking