

**Sending HD images via  
BUS with world-beating  
speed**



## VST-892EX-HD-BUS

Hardwired Outdoor HD PIR Motion Sensor Camera

- Transmit HD image via wired channel for visual verification
- Enhancing visual alarm verification speed in less than 4 seconds
- Supports Flexible and safe wired BUS system
- Encryption for more secured data transfer

## VST-892EX-HD-BUS

Hardwired Outdoor HD PIR Motion Sensor Camera



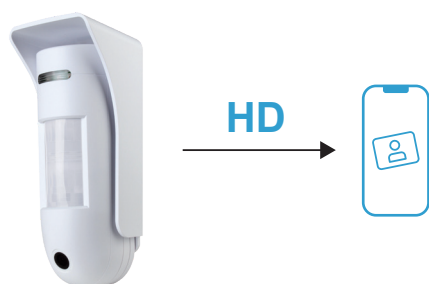
VST-892EX-HD-BUS is a hardwired Outdoor HD PIR Motion Sensor Camera, which is capable of sending wired signals and capturing high definition images (picture quality of up to 1280 x 720 pixels) to the Control Panel upon movement detection via the wired BUS system. VST-892EX-HD-BUS is capable of leveraging alarm image transmission speed, with QVGA in less than 4 seconds, and VGA in just 12 seconds, making visual alarm verification efficient and real-time.

VST-892EX-HD-BUS is capable of BUS connection of several devices at once for enhanced system flexibility and redundancy. On the other hand, other outdoor motion sensor cameras that only support Wi-Fi for HD image transfer are more prone to signal interferences. VST-892EX-HD-BUS supports transfer of HD images via wired system, which reduces signal interferences, making long range communication safer. Furthermore, the BUS wiring uses a custom protocol to ensure information security, with encryption to make data transmission more secure.

VST-892EX-HD-BUS features night illumination capability, with UV resistant housing, and waterproof to IPX6 standard, VST-892EX-HD-BUS is ideal for backyards, lawns, gates, outdoor corridors and hallways.

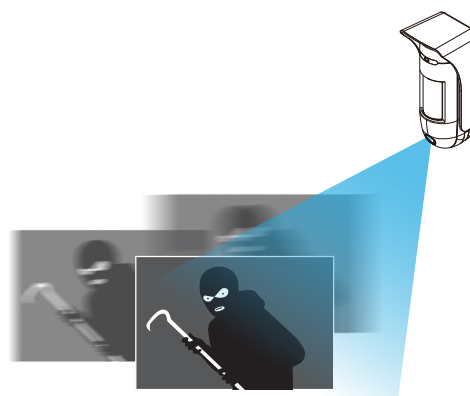
### HD Image Transmission

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



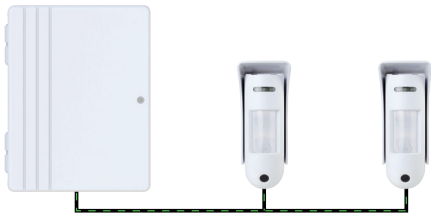
### High-Speed File Transfer

Accelerates alarm image transmission with QVGA in less than 4 seconds and VGA in just to 12 seconds, realizing file transfer at ground-breaking speed.

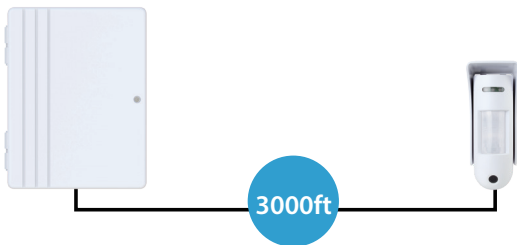


### Simplified wiring with BUS system

Wired BUS system allows parallel connection on one single line, eliminating cumbersome wiring procedures.

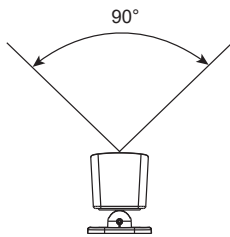


### 3000 ft of wiring length



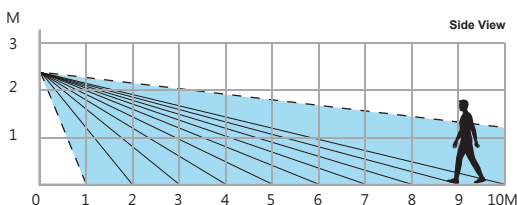
### Horizontal Angle

When mounted with the optional rotating holder, the product can perform up to a total of 90° rotatable angle to achieve flexible installation.



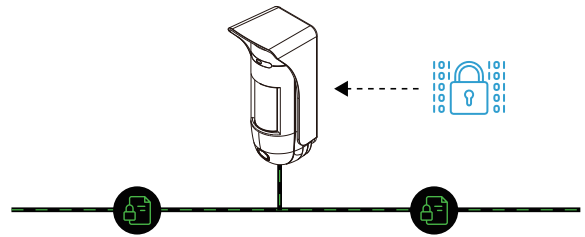
### Detection Range

The IR motion sensor is designed to give a typical detection range of 10 meters when mounted at the designated installation height.



### Encryption for more secured communication

BUS wiring uses a custom protocol to ensure information security, with encryption to make communication more secure.



### Anti-Masking Technology

Anti-masking feature allows for detection of any attempts to blind the detector.



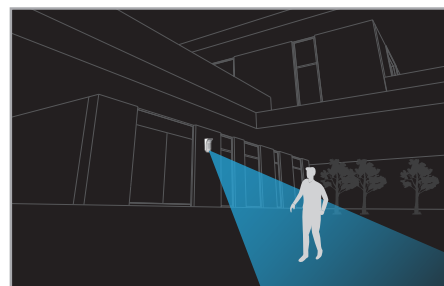
### Higher Installation Height

The installation height is at 2.3 meters above ground, which allows additional anti-intruder capability to enhance security measures.



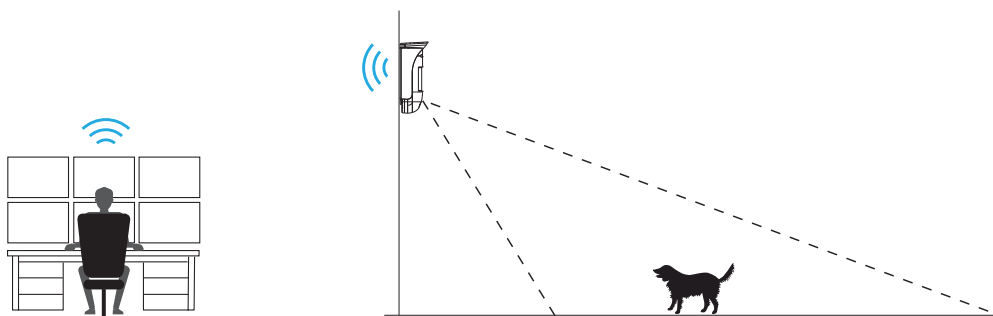
### Night Vision

The night vision range extends up to 10 meters, either via a white LED flashlight which can omit warning flashing alerts, or via Infrared (IR) for discreet night vision.



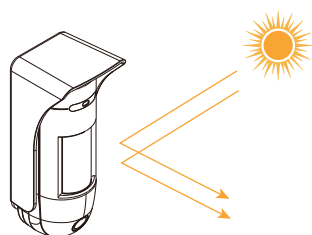
## Pet Immunity Control

It provides pet-immunity up to 60 kilos with three selectable sensitivity levels to accommodate different environments. Users can also configure settings remotely.



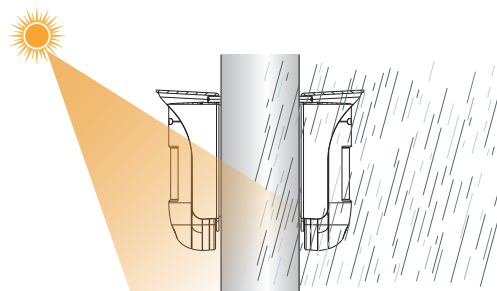
## UV Resistant Housing

The housing prevents damages resulting from radiation from the sun, while providing weatherproof that protect the product from other environmental factors.



## Weather-Resistant Design

IPX6 rating for outdoor use makes it ideal for backyards, lawns, gates, outdoor corridors and hallways, ensuring durability



## 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 alarm image processing options:
  - One color HD (1280x720 pixels)
  - Three color VGA (640x480 pixels)
  - 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-BUS Hardwired 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-BUS) Infrared (IR) fill light covering 10 meters (VST-892EX-HD-IL-BUS)
Mechanical	
Frequency	868 MHz / 433 MHz
Power Source	Input Voltage from Hybrid Panel: 13.5V DC
Current Consumption (Standby)	<5.5 mA
Current Consumption (Maximal)	<155 mA
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

## Ordering Information

<b>VST-892EX-HD-BUS</b>	Hardwired Outdoor HD PIR Motion Sensor Camera with warm white fill light, with anti-masking
<b>VST-892LEX-HD-BUS</b>	Hardwired Outdoor HD PIR Motion Sensor Camera with warm white fill light, without anti-masking
<b>VST-892EX-HD-IL-BUS</b>	Hardwired Outdoor HD PIR Motion Sensor Camera with infrared (IR) fill light, with anti-masking
<b>VST-892LEX-HD-IL-BUS</b>	Hardwired Outdoor HD PIR Motion Sensor Camera with infrared (IR) fill light, without anti-masking