



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



## VST-892HD-BUS

### Hardwired 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-892HD-BUS

Hardwired HD PIR Motion Sensor Camera



VST-892HD-BUS is a hardwired 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-892HD-BUS is capable of leveraging alarm image transmission speed, with QVGA in less than 4 seconds, and VGA in less than 12 seconds, making visual alarm verification efficient and real-time.

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

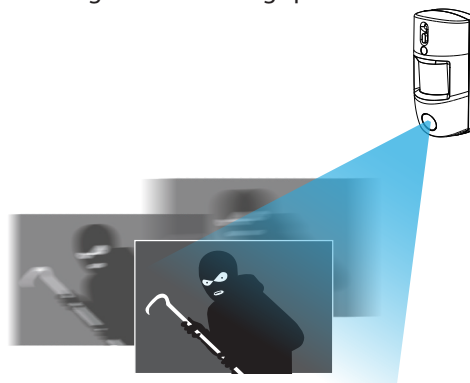
## HD Image Transmission

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



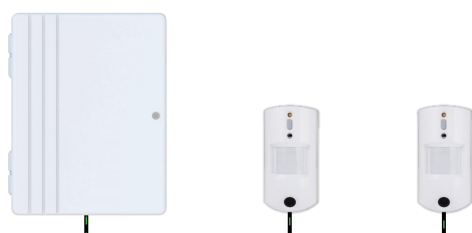
## High-Speed File Transfer

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



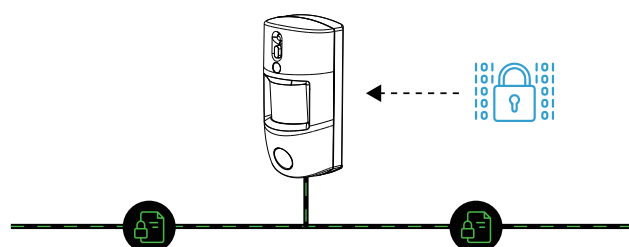
## Simplified wiring with BUS system

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

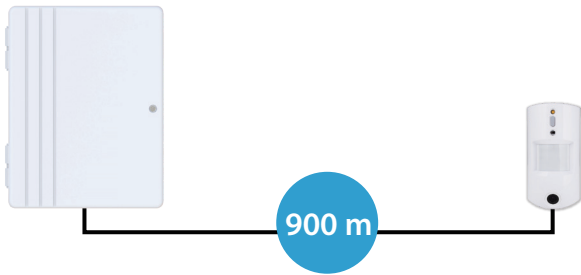


## Encryption for more secured communication

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



### 900 meters of wiring length



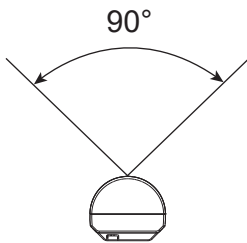
### Anti-Masking Technology

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



### 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.



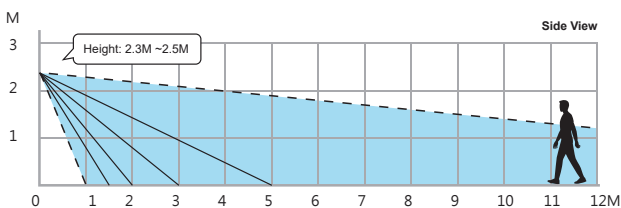
### Higher Installation Height

The installation height is at 2.3 – 2.5 meters above ground, which allows additional anti-intruder capability to enhance security measures.



### Detection Range

The IR motion sensor is designed to give a typical detection range of 12 meters when mounted at the designated installation height.



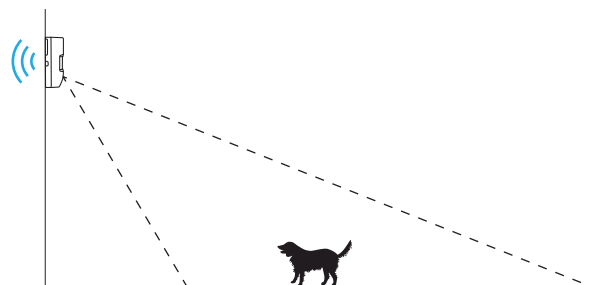
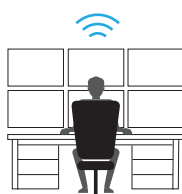
### Night Vision

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 25 kilos with three selectable sensitivity levels to accommodate different environments. Users can also configure settings remotely.



## 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
- 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
- Anti-masking feature allows for detection of any attempts to blind the detector
- Tamper protection to prevent unauthorized sabotage

## Specifications

### VST-892HD-BUS Hardwired 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-BUS)
Mechanical	
Power Source	Input Voltage from Hybrid Panel: 13.5V DC
Current Consumption (Standby)	<5.5 mA
Current Consumption (Maximal)	<130 mA
Mounting Options	Wall / Corner mount Optional accessory: Rotating holder
Rotating Angles (with Rotating holder)	Horizontal: 90° angle
Operating Temperature	-10°C to 45°C (14°F to 113°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-892HD-BUS</b>	Hardwired HD PIR Motion Sensor Camera with warm white fill light, with anti-masking
<b>VST-892L-HD-BUS</b>	Hardwired HD PIR Motion Sensor Camera with warm white fill light, without anti-masking
<b>VST-892HD-IL-BUS</b>	Hardwired HD PIR Motion Sensor Camera with infrared (IR) fill light, with anti-masking
<b>VST-892L-HD-IL-BUS</b>	Hardwired HD PIR Motion Sensor Camera with infrared (IR)_II light, without anti-masking