VST-892-BUS Series PIR Motion Sensor Camera

Hardwired PIR Camera with Premium Image Quality

Powered by Hybrid Panel through BUS connection, VST-892-BUS is a hardwired PIR motion sensor camera, which is capable of sending wired signals and captured images to the Hybrid Panel upon movement detection. VST-892-BUS is capable of BUS connection of several devices at once for enhanced flexibility and redundancy.

VST-892-BUS can be pet immune or non-pet-immune simply by remotely control the setting. Besides, anti-masking feature enables VST-892-BUS to detect any attempt to blind the detector by placing objects in its field of view. The installation height at 2.3-2.5m reduces the possibility of being sabotaged. VST-892-BUS is also enhanced with eliminated blind spot to minimize false alarm situation. With night illumination capability, VST-892-BUS can still get sufficient light for image capture under low lighting condition.

With wide-angle camera lens, VST-892-BUS features complete coverage with no blind spots, plus its combination of color images ensures that all details vital to visual alarm verification are promptly notified to users.

- **BUS Connection to Hybrid Panel**

- **BUS Connection to Multiple Devices**

- **Installation Height: 2.3 m-2.5 m**

- **Anti-masking**

- **Remote Adjustment of Pet Immunity and Sensitivity Levels**

Features

- Powerful lens to support range of 12 meters and angle up to 90°

- Advanced Dynamic Speed Adjustment Algorithms to maintain stable and fast image transfer speed based on signal quality

- Installation height: 2.3-2.5m

- Pet immunity enabled / disabled and sensitivity level adjustment by remote control setting

- Eliminated blind spot

- Wide camera field of view leaves no blind spots

- Two adjustable sensitivity levels: High / Normal

- Captures one, three, or six images when irregular motion is detected

- Three alarm image processing options:
    - One color VGA (640x480 pixels) alarm images
    - Three color QVGA (320x240 pixels) alarm images
    - Six color QVGA (320x240 pixels) alarm images

- Delivers one image upon request

- LEDs indicate faults and test modes

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

- Night illumination capability
    - Warm white fill light covering up to 5 meters
    - Infrared (IR) fill light covering up to 7 meters outdoor, 10 meters indoor (room size limited to 10m x 6m)

- Tamper protection to prevent unauthorized sabotage

- Low battery detection

- Wall bracket for flexible installation

- Optional mounting accessory: Rotating holder

- Suitable for security and home automation usage

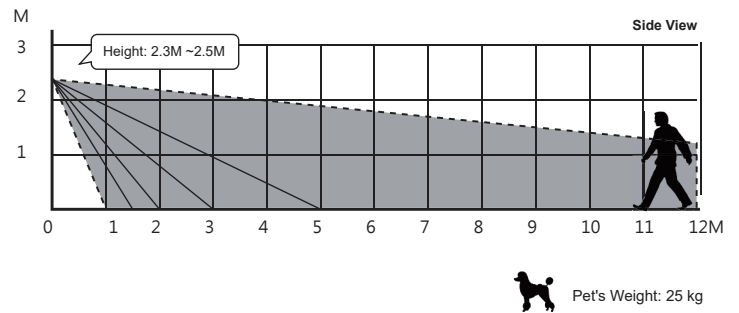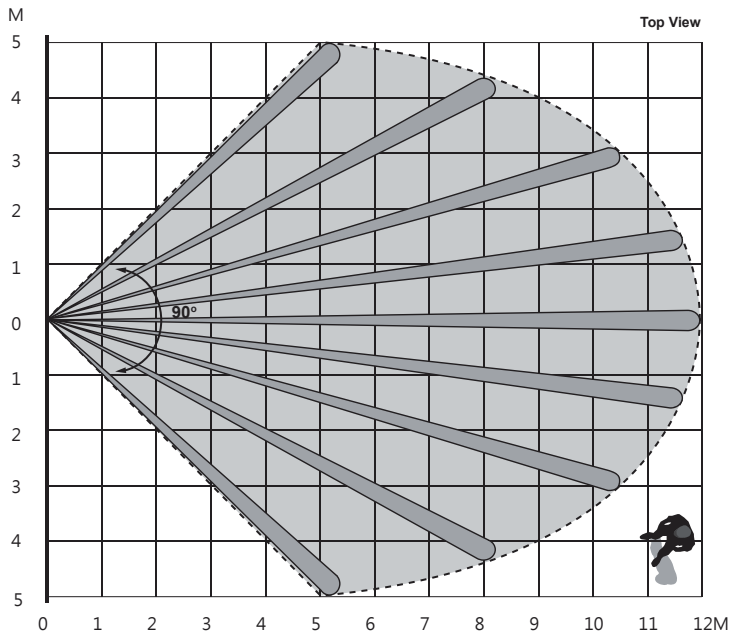- EN Compliance

Specifications

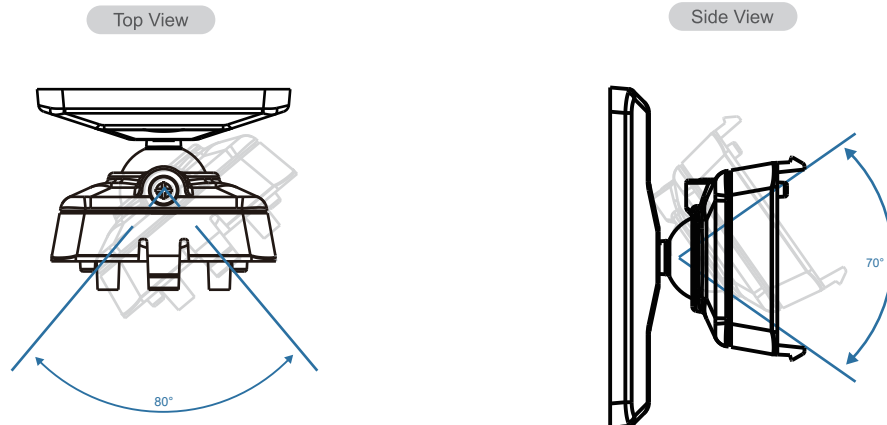| PIR Motion Sensor	
Range	12 meters
Horizontal Angle	90° degrees
Installation Height	2.3-2.5 meters
Camera	
Lens	VGA CMOS Camera
Field of View	(H) 102° degrees
Resolution	640 x 480 pixels or 320 x 240 pixels
Night Illumination	Warm white fill light covering 5 meters (VST-892-BUS)
	Infrared (IR) fill light covering 7 meters outdoor, 10 meters indoor with room size limited to 10m x 6m (VST-892-IL-BUS)
Mechanical	
Power Source	From BUS connection to the control panel: BUS 13.5V DC
Current Consumption (In Standby Mode)	0.87 mA@13.5V
Current Consumption (Maximal)	89.7 mA@13.5V
Mounting Options	Wall / Corner mount
	Optional accessary: Rotating holder
Rotating Angles (with Rotating holder)	Vertical: 70° angle
	Horizontal: 80° angle
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing @23°C
Dimensions	VST-892-BUS: 63 mm x 123 mm x 45 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.

PIR Detection Range

Top View

Side View

Height: 2.3M ~2.5M

90°

Pet's Weight: 25 kg

Compatible with Rotating Holder (Optional)

Top View

80°

Side View

70°

Ordering Information

VST-892-BUS	Hardwired PIR Motion Sensor Camera with warm white fill light, powered by BUS connection
VST-892-IL-BUS	Hardwired PIR Motion Sensor Camera with infrared (IR) fill light, powered by BUS connection
Rotating holder	Optional mounting accessory

Climax