



Climax VST-892-BUS Series PIR Motion Sensor Camera Owner's Manual

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Climax VST-892-BUS Series PIR Motion Sensor Camera



Product Information

VST-892-BUS Series PIR Motion Sensor Camera

Secure Your Way of Life

Specifications

- PIR Motion Sensor Range
- Horizontal Angle
- Installation Height
- Camera Lens Field of View
- Resolution
- Night Illumination
- Mechanical Power Source
- Current Consumption (In Standby Mode)
- Current Consumption (Maximal)
- Mounting Options
- Rotating Angles (with Rotating holder)
- Operating Temperature
- Operating Humidity
- Dimensions

Features:

- 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)

Product Usage Instructions

Installation

Follow the installation guidelines provided in the user manual to mount the PIR motion sensor camera at the recommended height for optimal performance.

Connection

Connect the camera to the Hybrid Panel using the BUS connection for signal transmission and image capture capabilities.

Sensitivity Adjustment

Adjust the sensitivity levels of the camera according to your preference for motion detection.

Night Illumination

Utilize the warm white fill light or infrared fill light based on your outdoor or indoor lighting requirements for clear image capture during low-light conditions.

FAQs

• **Q: Can multiple devices be connected through BUS connection to the VST-892-BUS Series?**

A: Yes, VST-892-BUS supports BUS connection of several devices simultaneously for enhanced flexibility and redundancy.

• **Q: What is the maximum detection range of the PIR motion sensor?**

A: The PIR motion sensor can detect motion within a range of up to 5 meters with a wide-angle camera lens for complete coverage.

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 (640×480 pixels) alarm images
 - Three color QVGA (320×240 pixels) alarm images
 - Six color QVGA (320×240 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)

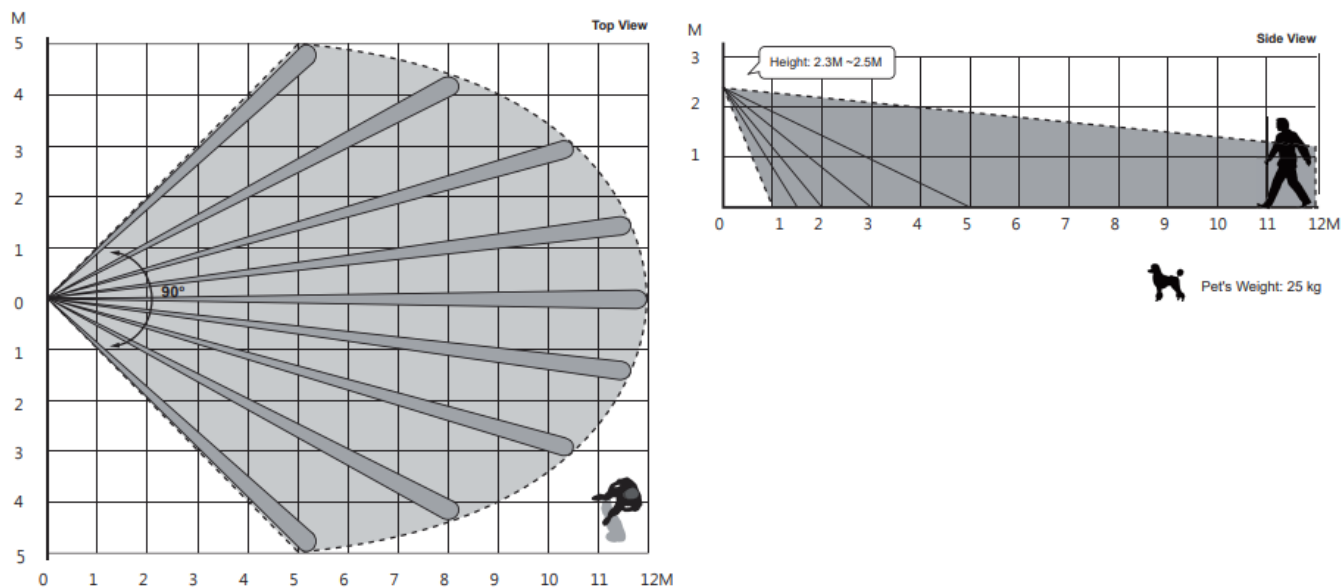
- Tamper protection to prevent unauthorized sabotage
- Low battery detection
- Wall bracket for flexible installation
- Optional mounting accessory: Rotating holder
- Suitable for security and home automation usage
- EN 50131 Grade 2, Class II certified
- INCERT-certified

Specifications

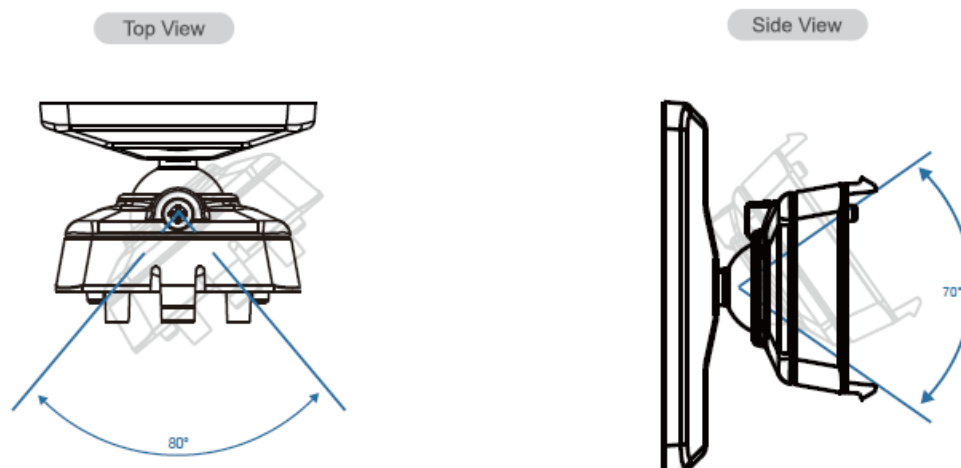
PIR Motion Sensor	
Range	12 meters
Horizontal Angle	90° degrees
Installation Height	2.3-2.5 meters
Camera	
Lens	VGA CMOS Camera
Field of View	(H) 102° degrees
Resolution	640 x 480 pixels or 320 x 240 pixels
Night Illumination	Warm white fill light covering 5 meters (VST-892-BUS) Infrared (IR) fill light 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 accessory: 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



Compatible with Rotating Holder (Optional)



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

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Documents / Resources



[Climax VST-892-BUS Series PIR Motion Sensor Camera](#) [pdf] Owner's Manual
VST-892-BUS Series PIR Motion Sensor Camera, VST-892-BUS Series, PIR Motion Sensor Camera, Motion Sensor Camera, Sensor Camera, Camera

References

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- [User Manual](#)

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