

VST-862-ZBC Camera PIR Sensor

Optimum Camera Coverage, Premium Image Quality



- Optimum camera coverage with field of view: Horizontal 102° degrees
- Adjustable sensitivity levels
- IR Fill light for enhanced night vision (optional)

The VST-862-ZBC is a ZigBee PIR motion sensor camera that detects and reports irregular presence to provide visual verification and remote look-ins. With wide-angle camera lens, the VST-862-ZBC features complete coverage with no blind spots. The option of adding on infrared (IR) fill light in the VST-862-IL-ZBC helps produce better images in night and darkness, further enhancing night vision. Technologically advanced and aesthetically appealing, the VST-862-ZBC stands out as a broadly applicable device ready to make your home or business safer and smarter.

This camera PIR sensor provides two adjustable sensitivity levels: High and Normal to accommodate different environments. Its combination of top-quality color VGA/QVGA alarm images and optimum camera coverage ensures that all details vital to visual alarm verification are comprehensively and promptly notified to users.

Adopting ZigBee HA 1.2 protocol, VST-862-ZBC is compatible with Climax's ZigBee gateways and control panels. Multiple ZigBee routers can be placed between VST-862-ZBC to further increase the communication range and boost data transmission strength.

Features

- Wide camera field of view leaves no blind spots
- Captures one, three, or six images when irregular presence is detected
- Two adjustable sensitivity levels: High / Normal
- 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
- Wall bracket for flexible installation
- Low battery consumption
- 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)
- LEDs indicate faults and test modes
- Supervisory signals ensure proper operation
- Tamper protection to prevent unauthorized sabotage
- Low battery detection
- Compatible with Climax's ZigBee gateways/control panels
- Suitable for security and home automation usage

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Specifications

PIR Motion Sensor	
Range	10 meters
Horizontal Angle	90° degrees
Installation Height	2 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-862-ZBC) Infrared (IR) fill light covering 7 meters outdoor, 10 meters indoor with room size limited to 10m x 6m (VST-862-IL-ZBC)
Mechanical	
Communication Protocol	ZigBee Pro Home Automation 1.2
Frequency	2.4 GHz
Power Source	3V, CR123A Lithium batteries x 3
Battery Life	4.5 years*
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	52.1mm x 72mm x 120mm

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

Ordering Information

- VST-862-ZBC** Camera PIR Sensor with warm white fill light, compatible with Climax ZigBee gateways/control panels
- VST-862-IL-ZBC** Camera PIR Sensor with infrared (IR) fill light, compatible with Climax ZigBee gateways/control panels