

VST-852 Ultra Camera PIR Sensor

Reduce False Alarms, Broaden Protective Coverage



- Extensive Communication Range
- Three Alarm Image Processing Options
- High Quality VGA or QVGA Images
- Long Battery Life

Adopting ZigBee HA 1.2 protocol, VST-852 Ultra, the new generation PIR motion sensor camera, brings extensive communication range and premium quality color VGA alarm images.

By adopting ZBS protocols, VST-852 Ultra guarantees excellent indoor coverage and fast transmission of high resolution color images. Multiple ZigBee routers can be placed between VST-852 Ultra and the control panel to dramatically increase the communication range and boost data transmission strength. Users can now install the PIR sensor cameras further away from the control panel to enhance strategic flexibility and broaden protective coverage.

Moreover, VST-852 Ultra can be configured to send three premium quality VGA (640 x 480 pixels) alarm images, six high quality QVGA (340 X 240 pixels) alarm images, or three high quality QVGA (340 x 240 pixels) alarm images to the CMS and end users. The vivid color QVGA or VGA images present the alarm scene in full detail, allowing both monitoring personnel and users to respond efficiently.

Features

- Captures three images upon movement detection
- Two adjustable sensitivity levels: High / Normal
- Three alarm image processing options:
 - Three color VGA (640 x 480 pixels) alarm images
 - Three color QVGA (320 X 240 pixels) alarm images
 - Six color QVGA (320 x 240 pixels) alarm images
- One remote look-in image upon request
- Tamper protection to prevent unauthorized sabotage
- Surface or corner mounting with fixing screws and plugs provided
- 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)
- Low battery detection
- Sleep timer function to conserve power
- Supervisory signals ensure proper operation
- Suitable for security and home automation usage
- Multiple ZigBee routers can be added to extend communication range

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Specifications

PIR Motion Sensor	
Range	12 meters
Horizontal Angle	100° degrees
Installation Height	1.9~2 meters
Camera	
Lens	VGA CMOS Camera
Field of View	(H) 60° degrees
Resolution	640 x 480 pixels or 320 x 240 pixels
Night Illumination	Warm white fill light covering 5 meters (VST-852 Ultra) Infrared (IR) fill light covering 7 meters outdoor, 10 meters indoor with room size limited to 10m x 6m (VST-852 Ultra-IL)
Mechanical	
Communication Protocol	ZigBee Pro Home Automation 1.2
Frequency	2.4 GHz
Power Source	1.5V, AA Lithium batteries x 2
Battery Life	4 years*
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	99mm x 48mm x 43.3mm

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

Ordering Information

VST-852 Ultra	Camera PIR Motion Sensor with warm white fill light
VST-852 Ultra-IL	Camera PIR Motion Sensor with infrared (IR) fill light