

## VST-862EX External Camera PIR IP45

## Optimum Camera Coverage, Premium Image Quality



- Extensive communication range
- Advanced Penetration Rate
- Enhanced Data Transfer Speed
- Dynamic speed adjustment algorithm
- Waterproof housing for outdoor applications

VST-862EX Series is Vesta's next generation outdoor PIR motion sensor camera. Leveraging F1 technology with long RF communication range, VST-862EX Series has immediate image transfer rate, enhanced penetration and sensitivity rate, and advanced dynamic speed adjustment algorithms. With UV resistant housing and waterproof to IP45 standard, VST-862EX Series is ideal for backyards, lawns, gates, outdoor corridors and hallways.

VST-862EX Series makes your home or business safer and smarter by having complete camera coverage of the monitored area and leaving no blind spots when capturing alarm scenes. Its combination of color VGA/QVGA images ensures that all details vital to visual alarm verification.

VST-862EX Series provides pet-immunity with two selectable sensitivity levels to accommodate different environments, so that alarms are not set off accidentally. With technological advances and reliability, VST-862EX Series stands out as a broadly applicable device and is suitable for residential and commercial security application.

### Features

- PIR motion detector camera for outdoor surveillance
- F1 technology leverages long communication range, enhanced penetration and sensitivity rate
- Two levels of pet immunity: Low (60kg [132lbs]) / High (35kg [77lbs])
- IP45 waterproof protection for outdoor usage
- CMOS camera with night vision capability
- Wall bracket for flexible and easy installation
- Regular supervision signals ensure proper operation
- LED indicator and low battery notification
- Compatible with Vesta's F1 gateway/control panels
- Tamper protection to prevent unauthorized sabotage
- Compatible with Vesta's Repeater RP-29 series (VST-862EX-P5-F1 only)
- Optional mounting accessory: Rotating holder
- Advanced Adaptive Digital Signal Processing (ADSP) algorithms to maintain stable and fast image transfer speed
- 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)
- Adjustable sensitivity levels: High / Normal
- Delivers one image upon request
- Captures one, three, or six images when irregular motion is detected:
  - One 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
- Anti-masking feature allows for detection of any attempts to blind the detector
- Suitable for residential and light commercial security application
- EN50131 Grade2, Class IV certified

## VST-862EX Series Outdoor PIR Motion Sensor

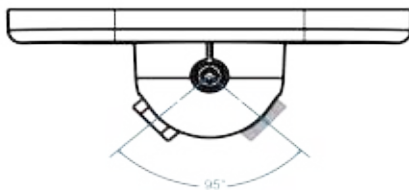
### Specifications

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 Illusion	Warm white fill light covering 5 meters (VST-862EX-F1) Infrared (IR) fill light covering 7 meters outdoor, 10 meters indoor with room size limited to 10m x 6m (VST-862EX-IL-F1)
Mechanical	
Frequency	868 MHz / 433 MHz
Power Source	1.5V, L91 Lithium battery x 4
Battery Life	8.8 years*
Data Rate	10k, 20k, 30k, 50k, 80k
Weatherproof Standard	IP45
Mounting Options	Wall / Corner mount Optional accessory: Rotating holder
Rotating Angles (with Rotating holder)	Horizontal: 95 degrees
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	VST-862EX: 69 mm x 170 mm x 77 mm Rotating holder: 85.3 mm x 50.3 mm x 32.7 mm

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

### Compatible with Rotating Holder (Optional)

Top View



### Ordering Information

VST-862EX-F1	Outdoor Camera PIR Motion Sensor with warm white fill light and compatible with vesta F1 gateways	Outdoor C
VST-862EX-IL-F1	Motion Sensor with infrared (IR) fill light and compatible with vesta F1 gateways	Optiona
Rotating Holder	accessory	



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