

# VST-862EX-F1 Outdoor PIR Motion Sensor Camera

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-F1 is Climax's next generation outdoor PIR motion sensor camera. Leveraging F1 technology with long RF communication range, VST-862EX-F1 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-F1 is ideal for backyards, lawns, gates, outdoor corridors and hallways.

VST-862EX-F1 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-F1 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-F1 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 (75cm/60kg [132lbs]) / High (50cm/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 Climax's F1 gateway/control panels
- Advanced Adaptive Digital Signal Processing (ADSP) algorithms to maintain stable and fast image transfer speed
- 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
- Tamper protection to prevent unauthorized sabotage
- Suitable for residential and light commercial security application
- Compliant with CE, FCC part 15

## VST-862EX-F1 Outdoor PIR Motion Sensor Camera

### 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
Mechanical	
Frequency	868 MHz / 433 MHz
Power Source	1.5V, L91 Lithium battery x 4
IP Standard	IP45
Battery Life	5 years*
Data Rate	10k, 20k, 30k, 50k, 80k
Operating Temperature	-10°C~45°C (14°F~113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	69.11 mm x 170.29 mm x 77.7 mm

\*Note: Actual battery life may vary due to usage, settings, and environmental conditions.