

## Product Summary

The MotionViewer IMV200 is a wireless, indoor motion activated camera designed for use in a Videofied™ security system. The camera includes the following features:

- > Lithium batteries for long life
- > Color Day / B&W night
- > Wide angle lens
- > Infrared LEDs for night illumination
- > Standard motion coverage lens (30 ft./9 m distance)
- > Dual tamper function provides detection of both wall and cover tamper.
- > Transmits check-in/status signal every 8 minutes

## Installation Guidelines

For an easier installation, programming and RF testing should be done to check for good communication between the control panel and all system devices before mounting.

Install the detector and other system devices in the following order:

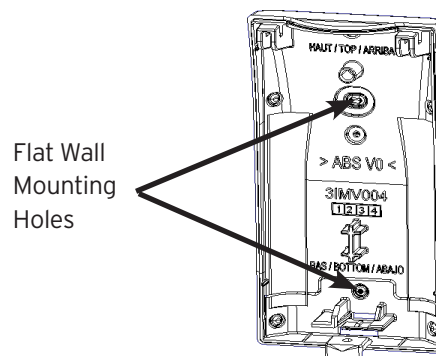
- > Programming / RF Testing: Program detector and all other devices into the control panel and test RF communication at each intended device location to the control panel.
- > Mounting: Mount detector at the tested location.



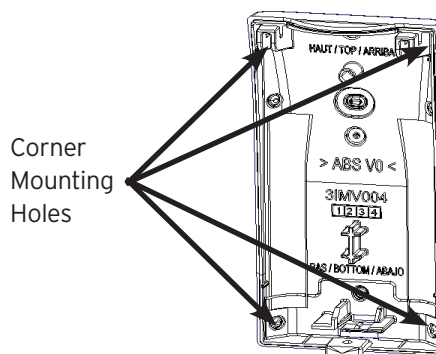
## Mounting Rules

- > Use proper tools and hardware.
- > Mount indoors in a temperature controlled environment.
- > Mount camera 2.0 to 2.3 m (6.6 to 7.5 ft.) from the floor.
- > Respect Top and Bottom side of the Motion Viewer
- > When possible, mount in a wall corner in order to aim at a complete room
- > Mount detector on an outside wall, aimed at area to protect.
- > Do not aim detector at windows, especially those that let in direct sunlight, or at heat sources such as lamps, fireplaces, radiators, and heating vents.
- > Do not aim detector at moving objects such as curtains, fans or animals.
- > Do not cover the Fresnel lens

### Flat Wall Mounting



### Corner Mounting

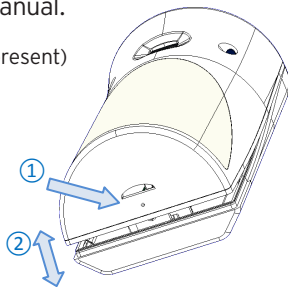


### Programming/RF Testing/Mounting

The following provides summarized steps for device programming, testing, and mounting. For complete details, refer to the control panel installation manual.

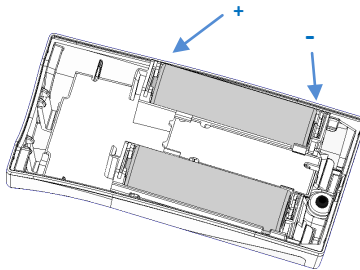
- 1 Loosen bottom screw. ① (if present)

Separate base from IMV. ②



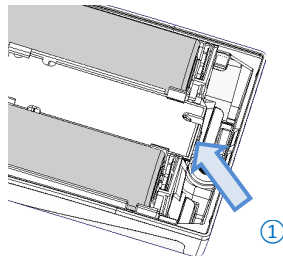
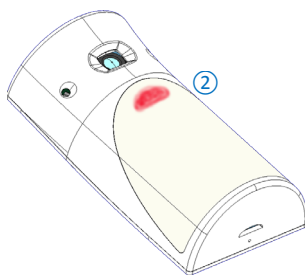
- 2 Install 2 SAFT LS14500 3.6v batteries, observing correct polarity.

\*Check that the LED flashes before staying RED



- 3 Put control panel into programming/configuration mode.
- 4 Using a programmed alphanumeric keypad, proceed through menus until the display shows ADD A NEW DEVICE.
- 5 Press **Yes**. The display shows PRESS PROGRAM BUTTON OF DEVICE.
- 6 Press and release program button on the IMV using your finger or a screw driver ①.

The IMV LED flashes red ②.



Wait for keypad display to show MOTIONVIEWER (1 - 24) PROGRAMMED.

- 7 Press **Yes**. The display shows RADIO RANGE TEST? Press **Yes** again. The IMV LED starts flashing and keypad display shows TEST IN PROGRESS.
- 8 Move the IMV to the intended mounting location and make sure you receive a 5/5 or 9/9 indicating good communication with the control panel.

- 9 Press **YES** to end the Radio Range Test, then press **ESC/NO**.

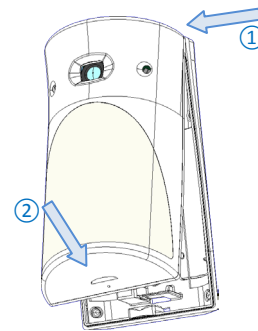
- 10 The display shows AREA ALLOCATION; AREA: 1. Press either arrow button on the keypad until the desired AREA number appears, then press **YES**. By default all devices in area 1 will be subject to the entry and exit delays.

- 11 The display shows NAME + LOCATION:

Enter an appropriate device name (up to 16 characters). The name of the device should describe its intended mounting location or zone. Press **YES**. The display will show the device number and name for your verification.

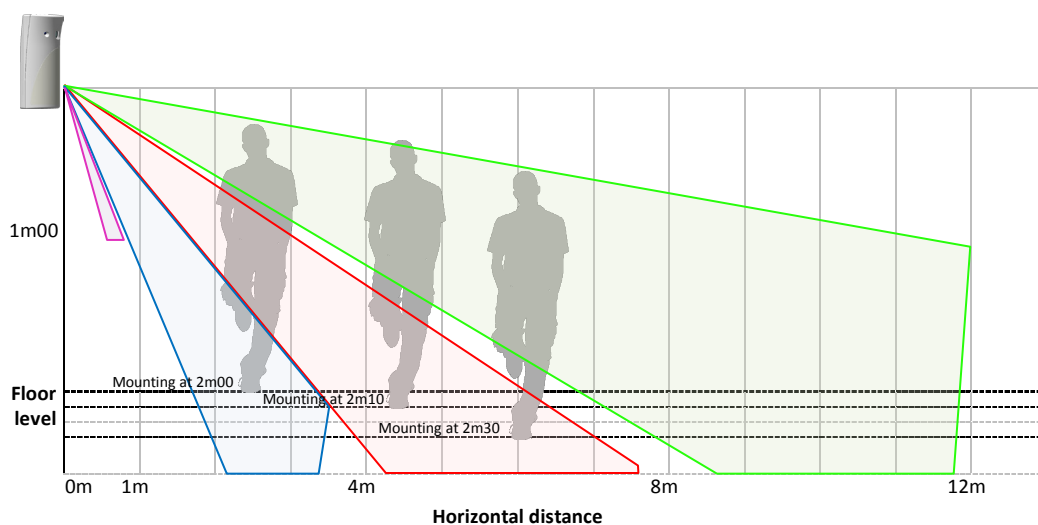
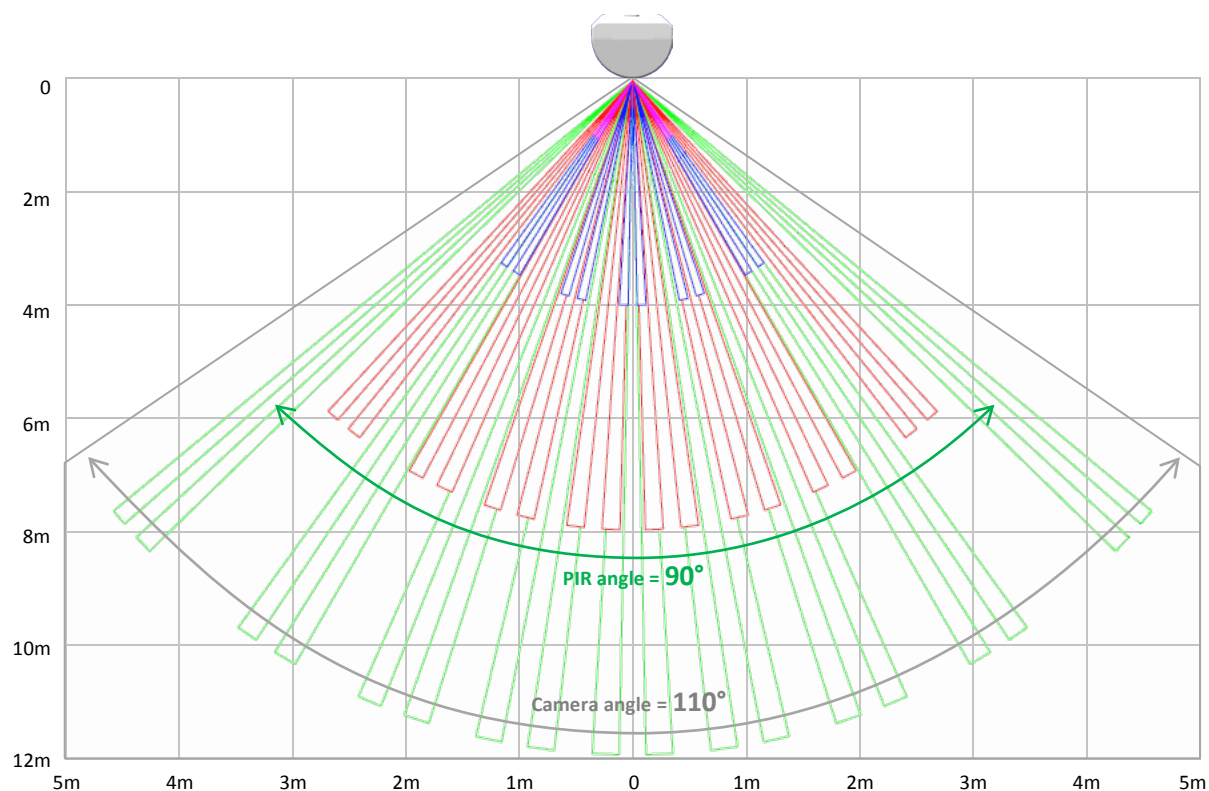
- 12 Mount the IMV on the wall:

- Follow the mounting rules on page 1
- Hold the IMV base against the mounting surface and mark the appropriate mounting holes.
- Drill pilot holes and install anchors where needed.
- Place base on mounting surface so that the pilot holes line up and secure base with appropriate screws.
- Attach camera to base and secure with screw if required.



- 13 Press **YES**. The display shows FUNCTIONAL DEVICE TEST? Press YES again and verify IMV operation. For example, wave your hand in front of the sensor to activate the LED which indicates detection.
- 14 Press YES to end the detection verification
- 15 The display shows ADD A NEW DEVICE? Repeat steps 1-14 for remaining MotionViewers.
- 16 When finished, exit from configuration mode by pressing and holding the ESC/NO for 5 seconds.

## Detection Diagrams



(EN) Security notes / (FR) Notes de sécurité / (DE) Hinweise zur Sicherheit

## English

- Remove battery before any maintenance!
- WARNING, there is a risk of explosion if a battery is replaced by an incorrect type!
- Observe polarity when setting up the batteries!
- Do not throw away used batteries! Dispose of them properly according to Lithium Metal requirements.

## Français

- Retirez les piles avant toute opération de maintenance !
- Attention ! Il y a un risque d'explosion si l'une des piles utilisées est remplacée par une pile de type incorrect !
- Respectez la polarité lors de la mise en place des piles !
- Ne jetez pas les piles usagées ! Ramenez-les à votre installateur ou à un point de collecte spécialisé.

## Deutsch

- Batterien vor jeglichen Wartungsarbeiten entfernen!
- Vorsicht, es besteht Explosionsgefahr, wenn eine Batterie durch eine Batterie falschen Typs ersetzt wird!
- Achten Sie beim Einsetzen der Batterien auf die Polung!
- Entsorgen Sie Batterien nicht im normalen Haushaltsmüll! Bringen Sie Ihre verbrauchten Batterien zu den öffentlichen Sammelstellen.

## Electrical Data

Panel Compatibility XI, Visio, XT, XV, XTIP

## Properties

Power	Type C
Nominal Voltage	3.6V
Low Battery Limit	3V
Battery type	AA Lithium 3.6V, SAFT LS14500
Battery Quantity	2
Battery life (estimated)	Up to 4 years

RF Technology	S <sup>2</sup> View® Bidirectional Radio
Central Frequency	868MHz
Transmission Security	AES Algorithm encryption
Supervision	8min
Antenna	Integrated

Camera	
Angle	110°
Sensor Type	CMOS
Daylight Vision	Color (Programmable to B&W)
Night Vision	Automatic Infra-red B&W
IR Illumination	Automatic with 2 x IR LEDs
IR Illumination Distance	Up to 7m/23ft

Video	
Video Formats	MJPEG-WMV, MJPEG-DIFF
Frequency	5i/s
Video Length	Programmable (Default 10s)
Resolution	QVGA (320x240)
Quality	SQ or HQ
Default File Size	~220Kb

Snapshot	
Format	Jpeg
Resolution	QVGA(320x240) or VGA(640x480)
Quality	HQ (Programmable to SQ)
Typical File Size	8Kb

PIR Performance	
Detection Angle	90°
Distance	12m/40ft
Sensitivity	Programmable to 5 Predefined Levels

## Trouble

Tamper detection for the opening of the casing or the removal from the wall.

Jamming detection and RF supervision

## Tests

Detection Test (walk test) YES - with LED indicator

RF Test YES

## Installation / Mounting

Mounting Height 2 to 2.3m / 6.5 to 7.5ft

Mounting on Wall	
On Flat Wall	With 2 x Screws
In Corner	With 4 x Screws

## Closing of the Casing

Closing by clip or with screw if required by local legislation

## Environmental and Physical Properties

Temperature -10°/+50°C (+14°/+122°F)

Relative Humidity 90%, non-condensing

IP Level IP30/IK04

Material ABS type ULVO - White

Sizes (HxWxD) 98x52x40mm

(HxWxD) 3.86x2.05x1.57 Inches

Weight 60gr (2.12oz) (without batteries)

## Certifications/Conformities

## Pending conformities:

EN60950-1:2006+/A11:2009+/A1:2010  
 EN300220-1 V2.4.1  
 EN300220-2 V2.4.1  
 NF EN50130-4:1995+/A1:1998+/A2:2003;  
 NF EN50130-5:1998 Class II  
 NF EN50131-2-2:2009 - Grade 2  
 NF EN50131-5-3:2005 - Grade 2  
 NF EN50131-6:2008 Grade 2 -Type C

## Pending certifications:

Europe CE / EN50131 Grade 2  
 Netherlands NCP  
 Singapore IDA  
 South Africa ICASA



## EMEA SALES

23, avenue du Général Leclerc  
 92340 BOURG-LA-REINE  
 FRANCE  
 Hotline: +33 (0)820 846 620  
 Fax: +33 (0)1 82 69 80 10

## USA SALES

1375 Willow Lake Blvd.  
 Vadnais Heights, MN 55110  
 USA  
 Hotline: +1 877 206 5800  
 Fax: +1 651 762 4693

[www.videofied.com](http://www.videofied.com)