

Main features

- Wireless technology for optimal security.
- Color video (lighted sites) or black & white (night vision).
- Infrared LED for night vision.
- Standard motion coverage lens.
- Wall and cover tamper.
- Powered by 3 Lithium CR123A batteries for extended autonomy.
- Device supervision every 8 minutes.
- Video capture and transmission in «streaming mode» on user request.

Description

The **ISMV 200/601/702** is a motion activated, battery powered, wireless indoor video camera. It can also be activated by user request. The **ISMV** is designed for use with a Videofied® security system.

The ISMV is built in with a digital camera as well as a dual element passive infrared motion detector.

The detector is powered by 3 CR123A Lithium batteries for up to 3 years of battery life depending on the detector activity.

When the alarm system is armed and a motion is detected, the ISMV sends a signal and the camera is enabled for a 10 second digital video. That video is transmitted through the panel to the monitoring center.

In addition, the end user will be able to request a “live” video from every ISMV in his Videofied® system. Following that request, the **ISMV** enables its camera and streams in real time the video to the panel. The user immediately receives the video flux on his smartphone.

The detector also transmits a supervision signal every 8 minutes. That signal contains technical data and the camera status.



Features

- > Spread spectrum S²VIEW® radio protocol.
- > AES encrypted wireless system.
- > Bidirectional radio link between the panel and the devices.
- > CMOS camera sensor with 90° lens.
- > Night vision thanks to 2 infrared illumination LED.
- > Fresnel lens motion detection : 10m/90° detection pattern.
- > The camera sends a color video for lighted sites or black & white in night vision.
- > Dual tamper : wall and cover tamper.
- > CR123A Lithium batteries. Up to 3 years battery life depending on the detector activity and the environmental properties.

ELECTRICAL PROPERTIES

Panel compatibility	
Streaming option	W panels
Without streaming option	XL, XLL, XT, XV, Visio and their variants
Battery	
	3 CR123A 3V Lithium batteries
Nominal voltage	3 V
Low battery treshold	2.7 V
Estimated battery life	Up to 3 years
Current consumption	
Standby (1h average)	100 µA
Max	300 mA

RADIO PROPERTIES

RF S2View® technology	
Radio type	Spread spectrum RF bidirectional
Operating frequency	<ul style="list-style-type: none"> • 868MHz - ISMV 200 (Europe, Africa, Asia) • 915 MHz - ISMV 601 (USA, Canada, South america) • 920 MHz - ISMV 702 (Australia, South america)
Transmission security	AES algorithm encryption
Supervision	Radio, batteries, tamper
Radio antenna	Integrated

VIDEO PROPERTIES

Camera	
Angle	90°
Sensor type	CMOS
Lighted video	Programmable : Color or B&W
Night vision video	Black & white automatic infrared
Infrared illumination	Automatic with 2 IR LEDs
Infrared illumination distance	7m
Video	
Video format	H264 (MPEG if not available)
Framerate	5 images per second
Resolution	QVGA (320x240)
Video file size	Up to 230 kB

DETECTION PROPERTIES

Infrared detection specifications	
Technology	Passive-infrared DSP
Type	Dual element sensor
Lens	Fresnel
Detection angle	90°
Detection range	Up to 10m
Initialization time	10 seconds
Recovery time	90 seconds
Tamper	
Tamper detection	Cover and wall tamper, electromagnetic immunity

BOX

Physical properties	
Material	ABS UL94-V0
Environmental properties	
Operating temperature	-10°/+55°C
Max relative humidity	75%, without condensing
Installation / Mounting	
Mounting height	2,10 m
Wall mounting	2 screws
Box sealing	With screw

STANDARDS AND APPROVALS

868 MHz	ISMV 200
 	
Compliant with annex IV from the R&TTE 1999/5/CE directive	
NF&A2P – 2 boucliers – suivant le référentiel NF324-H58 Matériels de sécurité électronique, détection d'intrusion DETECTEUR DE MOUVEMENT A INFRAROUGE PASSIF	
Marque commerciale	Videofied
Référence produits	ISMV 200
N° de certification	2623200010
NF EN50131-2-2 Grade 2	2008
RTC 50131-2-2	2015
NF EN50130-4	2011
NF EN50130-5 Environment Class II	2011

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