

OMV 210 OUTDOOR MOTION VIEWER

008:V SPECIFICATION SHEET



VIDEOFIED
ULTIMATE SECURITY



OMV 210 OUTDOOR MOTION VIEWER OUTDOOR MOTION VIEWER

Description

The OMV outdoor MotionViewer is a wireless, battery operated camera. The camera is triggered by motion detection or wired input activation. It is designed for use in a Videofied® security system. Motion-activated cameras are intended for outdoor applications where video-verification is needed.

The OMV consists of a digital camera, passive infrared motion detector, and a spread spectrum S2View® radio module. S2View® is a proprietary Videofied® interactive, encrypted wireless circuitry for secure two way communication with the control panel. The OMV is fitted with a wired inputs/outputs module (3 inputs/1 output, 2 inputs are supervised). A video is taken when one of the inputs is triggered. Those inputs provide video-verification to a third-party sensor like an infrared barrier. The wired output can activate a strobe or a projector.

The camera consists of a CMOS sensor and a 90° wide angle lens. Four infrared LEDs provide a night illumination distance of up to 12 meters. A Fresnel lens ensures passive infrared motion detection. The standard detection pattern is 90° and an optimal detection distance of 12 meters from the MotionViewer. 3 additional lenses are also provided : Horizontal Curtain, Vertical Curtain, and Beam.

A mounting kit must be used with the OMV in order to ensure optimal orientation and tilt. A built-in tilt sensor triggers a tamper alarm in case of unauthorized manipulation or change of its orientation.

Install the OMV MotionViewer to protect outdoor installations where weather protection is necessary.

When the alarm system is armed and the infrared lens detects a movement, the OMV transmits a signal and activates the camera, which captures a 10 second video segment (by default). The alarm panel receives the signal and responds according to system configuration and programming. The alarm and its associated video are transmitted through the alarm panel to the webeyeCMS cloud alarm platform allowing the alarms and video clips to be sent directly to stake holders on their smartphones or web browser (no expensive hardware or software required).

The OMV is powered by four lithium batteries for a typical battery life of 4 years or more, depending on the activity of the detector.

Every detector transmits a check-in signal every 8 minutes to the alarm panel in order to supervise its status.



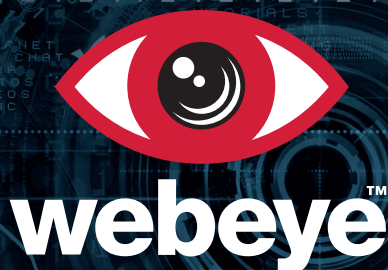
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Features

- S2View® Spread Spectrum, Videofied, Interactive, AES Encrypted wireless technology provides optimum signal integrity and security.
- Camera : CMOS sensor with 90° wide angle lens. Resolution 320 x 240 pixels.
- Supervised : Transmits a check-in/status signal to the panel every 8 minutes indicating the unique identification code along with the current detection sensor state, tamper condition, serial number, manufacture date, software revision, and battery status.
- Tamper : After setting the location of the device the tamper will alert on any movement of the device including opening of the cover or unscrewing from the mount.

- Lithium batteries : 4 years battery-life (Estimated).
- Night illumination: up to 12 meters using four infrared LEDs.
- Motion detector—dual-element, passive infrared with fresnel lens for up to 12 m wide, 90° coverage pattern (by default).
- The camera captures a video segment less than 100 milliseconds after motion detection.
- Device is fully weatherproof and can withstand temperatures from -20° to 60°C.

Applications

- Video-verification for outdoor intrusion alarms.

STANDARDS AND CERTIFICATIONS



868MHz (OMV210)

Compliant with the annex IV of the R&TTE directive 1999/5/EC
NF EN50131-2-2 2008 Grade 2

Matériels de sécurité électroniques, détection d'intrusion DETECTEUR DE MOUVEMENT A INFRAROUGE PASSIF

Marque commerciale

Videofied

Référence produits

OMV210

N° de certification



915MHz (OMV611)

USA FCC Part 15C
Canada IC RSS-210 Issue 8



920MHz (OMV712)

Australia C-Tick AS/NZS4268



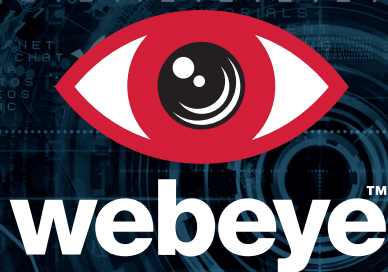
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Power requirements

Type 4 x 3.6V SAFT Lithium, LS14500, AA Batteries Only

Battery life (estimated) Up to 4 years

RF S2View® Technology

Radio type Spread Spectrum Bidirectional

Operating frequency 868MHz

Transmission security AES algorithm encryption

Supervision Radio, batteries, tamper, position

Radio antenna Integrated

Camera

Angle 90°

Sensor type CMOS

Daylight video Programmable: Colour or B&W

Night video Automatic black & white infrared

Infrared illumination Automatic with 4 IR LEDs

Infrared illumination distance up to 12m

Video

Video format MJPEG-WMV, MJPEG-DIFF

Frame rate 5 images per second

Video duration Programmable(10 secs per second)

Video resolution QVGA(320x240)

Quality SQ or HQ

Average video file size 220kb

Image

Format JPEG

Resolution VGA(640x480)

Quality HQ or SQ

Average image file size 8kb

Infrared detection specifications

Technology Passive infrared DSP

Type Dual element sensor

Detection lens 90°

1m wide curtain (vertical or pet-immune)

Long distance beam (up to 1m diameter)

Tamper detection

Tilt Position change, shock, wall and cover tamper

Physical properties

Material polycarbonate UL94

Dimensions 130.5 x 102.44 x 141.5mm

Weight 261g (without batteries)

Environmental data

Operating temperature -20°/+60°C

Max. relative humidity 95%, without condensing

Protection marking IP65

Installation / Mounting

Mounting height 2.5 to 4m

Mounting angle 5° to 10°

Mounting Use mounting kit (sold seperately)



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