



## **OMVC** OUTDOOR MOTION VIEWER

DOC. - REF. 223-OMVC VERSION: JUNE 2015

- Wireless interactive technology
- Powered by 4 Lithium batteries for extended battery life.
- Lens for vertical curtain detection Detection pattern: 80cm width and up to 1m distance.
- 4 infrared LEDs for 12m night vision.
- Fully weather proof (IP65) and temperature resistant (-20  $^{\circ}$ C/+60  $^{\circ}$ C).
- Tilt sensor tamper.



The **OMVC 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<sup>®</sup> security system. Motion-activated cameras are intended for **outdoor applications** where **video-verification** is needed.

The OMVC consists of a digital camera, passive infrared motion detector, and a spread spectrum S2View  $^{(\!R)}$  radio module. S2View  $^{(\!R)}$  is a proprietary Videofied  $^{(\!R)}$  interactive, **encrypted** wireless circuitry for secure two way communication with the control panel.

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 detection pattern is a curtain of 1m width and an optimal detection distance of 12 meters from the MotionViewer.

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 OMVC MotionViewer to protect outdoor installations where weather protection and perimeter protection is necessary.

When the alarm system is armed and the infrared lens detects a movement, the OMVC 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 security server, managed by a monitoring center or a smartphone app.

The OMVC 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.



### **Features**

- > S2View<sup>®</sup> 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 : typical 4 years battery-life.
- > Night illumination: up to 12 meters using four infrared LEDs.
- > Motion detector—dual-element, passive infrared with fresnel lens for curtain detection up to 12m with a 1m width curtain.
- > 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.
- > Residential outdoor perimeter protection







# **OMVC** OUTDOOR MOTION VIEWER

## **ELECTRICAL PROPERTIES**

Panel compatibility	W, XL, XT, XV and their variants
Power requirements	Type C - 4 Lithium batteries 3,6 V LS14500
Battery life	
Standard usage (up to 5 videos per month) 4 years	
High usage (about 30 videos p	er month) 2 years

### RADIO PROPERTIES

RF S2View <sup>®</sup> technology		
Radio type	Spread spectrum bidirectionnal	
•	868MHz - OMVC 200 (Europe, Africa, Asia) 915 MHz - OMVC 601 (USA, Canada, South America) 920 MHz - OMVC 702 (Australia, South America)	
Transmission security	AES encryption algorithm	
Supervision	Radio, batteries, tamper, position	
Radio antenna	Integrated	

### **VIDEO PROPERTIES**

90°
CMOS
Programmable : Color or B&W
Automatic black & white infrared
Automatic with 4 IR LEDs
Up to 12m
MJPEG-WMV, MJPEG-DIFF
5 images per second
Programmable (10 seconds by default)
QVGA (320x240)
SQ or HQ
220 kb
JPEG
VGA (640x480)
HQ or SQ
8 kb

## **DETECTION PROPERTIES**

Infrared detection specification	ations
Technology	Passive infrared DSP
Туре	Dual element sensor
Detection lens	1 m vertical curtain for 12m distance
Tamper detection	
Tilt	Position change, shock, wall and cover tamper

### BOX

DOA	
Physical properties	
Material	Polycarbonate UL94
Dimensions	130,5mm x 102,44mm x 141,5mm
Weight	261g (without batteries)
Environmental data	
Operating temperature	-20°/+60°C
Max. relative humidity	95%, without condensing
Protection marking	IP 65

Installation / Mounting	
Mounting height	2.5m to 4m
Mounting angle	5° to 10°
Mounting	Use mounting kit (sold separately)



AS/NZS4268



# **OMVC** OUTDOOR MOTION VIEWER

Australia C-Tick

### STANDARDS AND CERTIFICATIONS



# Organisme certificateur : CNPP Cert.

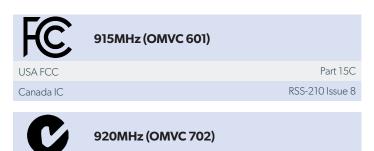
Référence produits N° de certification

Route de La Chapelle Réanville CS22265 F-27950 SAINT MARCEL Tel: +33(0)2.32.53.63.63 Fax: +33(0)2.32.53.64.46 Site Internet: www.cnpp.com E-mail: certification@cnpp.com

# Organisme certificateur : AFNOR Certification

11, rue François de Pressensé 93571 Saint Denis La Plaine Cedex Tel:+33(0)1.41.62.80.00 Fax:+33(0)1.49.17.90.00 Site Internet: www.marque-nf.com E-mail: certification@afnor.org

OMVC200



#### **EMEA SALES**

23, avenue du Général Leclerc 92340 BOURG-LA-REINE FRANCE

 $\hbox{E-Mail:emeasales@rsivideotech.com}$ 

### **North American Headquarters**

1375 Willow Lake Blvd , Suite 103 Vadnais Heights , MN 55110 USA

E-Mail: usasales@rsivideotech.com



