INSTALL SHEET

OUV OUTDOOR UNIVERSAL VIEWER

DOC. - REF. 213-OUV
VERSION : JUNE 2016

Product Description

The OUV 200/601/702 module is a wireless outdoor camera activated by a connected detector. It is designed for use in Videofied® security systems.

- Polyvalent 90° infrared camera
- 4 infrared LEDs for extended night vision
- Protection marking IP54
- Température resistant (-25°C/+70°C)
- Transmits check-in/status signal every 8 minutes
- 8-pin control connector

Installation Guidelines

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

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

> Programming/RF Testing - program detector and all other devices into the control panel and test RF communication from each intended device location to the control panel.

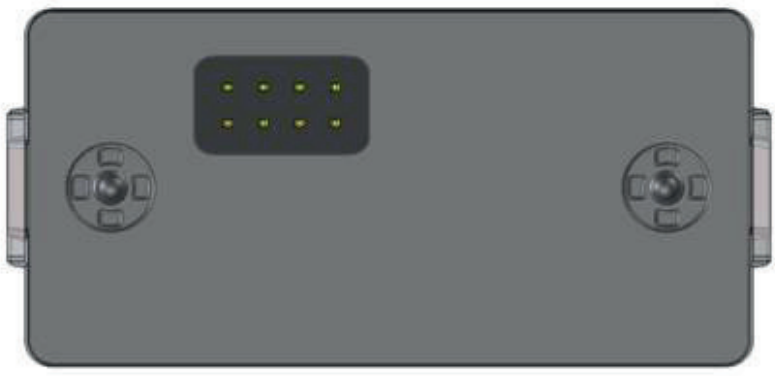
> Mounting - mount detector at the tested location.

Mounting instructions

> The module is mounted through 2 backside screw threads (2mm x 7,5 mm).

> Plug the connector to the detector (the use of a short cable is permissible).

> Mount the detector according to the manufacturer recommendations.



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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 Put control panel into Programming/Configuration mode.

2 Using a programmed alphanumeric keypad, proceed through menus until the display shows ADD A NEW DEVICE.

3 Press OK/YES. the display shows PRESS PROGRAM BUTTON OF DEVICE.

4 Apply a voltage on the OUV programming pin (6) through the connected detection device par l'intermédiaire de l'équipment connecté.

The OUV blinks.

5 Wait for keypad display to show CAMERA(1 - 25) PROGRAMMED. Press OK/YES, the display shows RADIO RANGE TEST? Press OK/YES again. The camera LED starts flashing and keypad display shows RF TEST.

6 Take the OUV module to its intended mounting location and make sure LED flashes continuously or you receive a 9/9 indicating good communication with the control panel.

7 Press OK/YES to end radio range test then press ESC/NO.

8 The keypad displays :

AREA ALLOCATION :

AREA : 1

Press either arrow button repeatedly until desired area number appears then press OK/YES. By default all devices in Area 1 are automatically delayed.

9 The display shows NAME + LOCATION:

Enter appropriate device name/location (up to 16 characters), then press OK/YES. The display shows the device number and name for your verification.

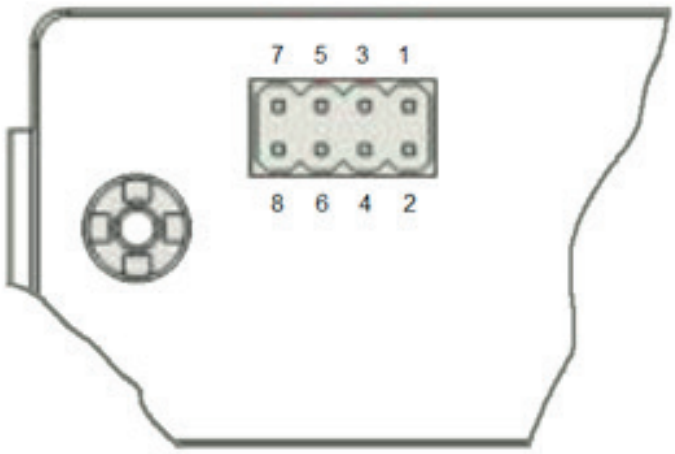
10 Install the OUV and its detector. Follow the detector manufacturer mounting instructions.

11 Press OK/YES. The display shows FUNCTIONAL DEVICE TEST? Press OK/YES and verify camera operation. The activation of the LED will determine the detection field.

12 Press OK/YES to end detection verification.

13 The display shows OPERATION COMPLETED or ADD A NEW DEVICE? Press YES/OK. Repeat steps 1 – 12 for remaining cameras.

14 When finished, exit from configuration mode.



Pin	Name	Function	Notes and setting
1	Vcc	Input voltage	2.8 to 5 V_{DC}
2	GND	Ground	0 V
3	Detect	Intrusion detection	State 1 (>2V_{DC}) during 100 ms while powering the OUV
4	Trouble	Communication lost	
5	Armed	System armed	The connected detector must ignore that pin at startup
6	Config	Programming button	
7	Ext-trouble	Problem on the connected detector	State 0 (<0.5V_{DC}) during 100 ms while powering the OUV
8	IR-ON	Infrared illumination activation	

FCC Regulatory Information for USA and CANADA

FCC Part 15.21 Changes or modifications made to this equipment not expressly approved by RSI Video Technologies may void the FCC authorization to operate this equipment.

FCC Part 15.105 Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

> Reorient or relocate the receiving antenna.
> Increase the separation between the equipment and receiver.
> Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
> Consult the dealer or an experienced radio/TV technician for help.

Radio frequency radiation exposure information according 2.1091 / 2.1093 / OET bulletin 65

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé.

Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules and with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

1 This device may not cause harmful interference, and
2 This device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio

exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1 L'appareil ne doit pas produire de brouillage, et
2 L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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ELECTRICAL PROPERTIES

Panel compatibility	W, XL, XT, XV and their variants
Power	8-pin connector
Power voltage	2.8V_{DC} to 5V_{DC}
Power consumption	
Average current consumption	85 µA
Standby current consumption	< 15 µA
Max current consumption	350 mA

RADIO PROPERTIES

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

BOX

Physical properties	
Material	Polycarbonate and elastomer
Dimensions	43 mm x 20 mm x 26.6 mm
Weight	12g
Environmental data	
Operating temperature	-25°/+70°C
Max. relative humidity	95%, without condensing
Protection marking	IP 54 / IK 06

VIDEO PROPERTIES

Camera	
Angle	90°
Sensor type	CMOS
Daylight video	Programmable : Color 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 seconds by default)
Video resolution	QVGA (320x240)
Average video file size	220 kb
Image	
Format	JPEG
Resolution	VGA (640x480)
Average image file size	8 kb

STANDARDS AND CERTIFICATIONS

868MHz (OUV 200)

Compliant with the annex IV of the R&TTE Directive 1999/5/EC

915MHz (OUV 601)

USA FCC	Part 15C
Canada IC	RSS-247 Issue 1

920MHz (OUV 702)

Australia RCM	AS/NZS4268

This symbol on the product or on its packaging indicates that this product should not be treated as household waste. It must be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health. The recycling of materials will help to conserve natural resources.
For more information about recycling of this product, please contact your local municipality, your waste disposal service or the company that installed the product.

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The EC declaration of conformity of this product is available by flashing that QR code :