

Description

The W series control panel is a wireless hybrid alarm system. It is designed for residential and small business security applications.

The W alarm panel protects assets and persons in a defined area, thanks to the installations of RSI radio detectors.

With their LAN or 2G3G transmitters, the events are perfectly transmitted from the W and WIP panels to the security server. The available variants allow for any needed combination : LAN, 2G, 2G+LAN, 3G+LAN.

The WIP210 panel is fitted with two transmitters (2G3G and LAN), allowing perfect reporting to the security server.

This panel is powered by USB 5V_{DC} (5V_{DC} for WIP6xx and WIP 7xx) through an AC adapter/charger. In case of power failure, a rechargeable lithium battery will power the system.

The following customization options allow you to configure the alarm system as needed:

- > WLAN 802.11 (WWB100) transmitter option.
- > Supervised wired input/outputs option (WIO100) to link the system to wired devices.
- > A wired and supervised siren option (WIS100) connected to the W panel also allowing the use of additional Videofied wireless sirens (indoor and outdoor).

A programming keypad is mandatory to install, set up and use the W alarm panel.

Security

With the two modes of transmission, LAN/WLAN and GSM, the W series panel ensures maximum safety. In case of LAN/WLAN connection loss, the W panel will switch immediately to GSM to transmit alarms and videos.



Supervised Wireless Technology

The W series, along with all Videofied devices uses patented S2View® - Spread Spectrum, Videofied, Interactive, AES Encrypted Wireless technology, providing optimum signal integrity and security.

Bi-directional RF communication between all system devices and the system control panel assure high signal reliability.

Integrated antennas eliminate protruding wires or rods cumbersome to install and unsightly to consumers, and if damaged could lead to potential system communication problems.

The panel supervises every device (excluding the remote keyfob) to monitor current open/close state, tamper condition, serial number, date of manufacture, firmware revision, and battery status.

Certifications

868MHz (WIP 210/220/230 and W 210)



Compliant with the annex IV from the R&TTE 1999/5/CE Directive

NF&A2P - 2 boucliers – suivant le référentiel NF324-H58



Matériels de sécurité électroniques, détection d'intrusion
CENTRALE D'ALARME + TRANSMETTEUR

Marque commerciale :	Référence Produits :	N° de Certification :
Videofied	Centrale WIP210	
Videofied	Centrale WIP220	
Videofied	Centrale WIP230	
Videofied	Centrale W210	

Normes :

NF EN50131-1: 2007 - Grade 2 – Classe II

NF EN50131-3:2009 - Grade 2

& RTC 50131-3:2009

NF EN50131-5-3:2005 - Grade 2

NF EN50131-6:2008 Grade 2 – Type B

& RTC 50131-6:2008

NF C 48-212:2004

NF EN50130-4:1995; A1:1998; A2:2003

NF EN50130-5: 1998 Classe II

Organisme certificateur :**CNPP Cert.**

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Fax: +33(0)2.32.53.64.46

Sites Internet : <http://www.cnpp.com>Email : certification@cnpp.com**Organisme certificateur :****AFNOR Certification**

11, rue François de Pressensé

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Tel : +33(0)1.41.62.80.00

Fax: +33(0)1.49.17.90.00

Sites Internet : <http://www.afnor.org>et <http://www.marque-nf.com>Email : certification@afnor.org

915MHz (WIP 620 /630)



UL 1610

USA FCC (Part 15C, 22H, 24E and 27)

Canada IC (RSS-210 Issue 8, RSS-132, RSS-133 and RSS-139)

920MHz (WIP 720/730)



Australia A-Tick

(AS/NZS4268, AS/CHS42 and AS/NZS 60950)



Ce symbole, apposé sur le produit ou sur son emballage, indique que ce produit ne doit pas être traité avec les déchets ménagers. Il doit être remis à un point de collecte approprié pour le recyclage des équipements électriques et électroniques. En s'assurant que ce produit est bien mis au rebut de manière appropriée, vous aiderez à prévenir les conséquences négatives potentielles pour l'environnement et la santé humaine. Le recyclage des matériaux aidera à préserver les ressources naturelles. Pour toute information supplémentaire au sujet du recyclage de ce produit, vous pouvez contacter votre municipalité, votre déchetterie ou la société qui a installé le produit.

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

Français

- Retirez la batterie avant toute opération de maintenance !
- Attention ! Il y a un risque d'explosion si la batterie utilisée est remplacée par un mauvais modèle !
- Respectez la polarité lors de la mise en place de la batterie !
- Ne jetez pas la batterie usagée ! Ramenez-la à votre installateur ou à un point de collecte spécialisé.

English

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

Deutsch

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

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.

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 RSS-210 of Industry Canada.

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.

Cet appareil est conforme à la Partie 15 des réglementations de la FCC et avec la norme RSS-210 de l'Industrie Canadienne.

Son fonctionnement est soumis aux deux conditions suivantes :

- 1 Cet appareil ne doit pas causer d'interférences nuisibles et
- 2 Cet appareil doit accepter toute interférence reçue, y compris les interférences pouvant entraîner un fonctionnement indésirable.

Electrical data

Power Supply

W210 / WIP 210 / WIP 220 / WIP 230

5V_{DC}/1A Mini-USB connector

AC/DC adapter (110/230V_{AC}/50-60 Hz) available (WPS100)

WIP 620 / WIP 630 / WIP 720 / WIP730

12V_{DC}/1A - Wire connection

Backup battery

Battery technology Rechargeable 3.7V Lithium-ion battery

Battery voltage (Fully charged) 4.1 V

Low battery level 3.95 V

Guaranteed autonomy when the low battery level is reached 36h

Average current consumption in standby mode 600 µA

Max consumption 1 A

RF S2View® technology

Radio type Bidirectionnal RF

Operating frequency

868MHz - WIP210/220/230 - W210 (Europe, South Africa, Asia)

915MHz - FHSS - WIP620/630 (USA, Canada, South America)

920MHz - FHSS - WIP720/730 (Australia, South America)

Transmission security AES encryption algorithm

Radio jam detection Yes

Supervision Yes

Antenna Integrated

Tamper Detection

Tamper Wall and cover tamper detection

Box

Physical and Environmental Data

Operating temperature -10°/+55°C

Maximum relative humidity 75%, non-condensing

Material ABS—ULV0

International Protection Marking IP31 / IK06

Dimensions

Panel 143 mm x 200 mm x 44mm (LxWxD)

Installation/Mounting

Control Panel/Base

Two screws secures control panel cover to base; Three screws secure control panel base to the wall

Transmission

Communicator

Communicator type 2G & LAN Ethernet (WIP210)
2G (W210)

LAN Ethernet (WIP220 / WIP620 / WIP720)

3G & LAN Ethernet (WIP230 / WIP630 / WIP730)

Security protocol Frontel

IP Stack TCP/IP

Video transmission By Frontel protocol to central monitoring station or App servers

2G/3G Antenna Integrated

Optional modules

Wi-Fi WWB100 (WLAN 802.11 b/g/n)

Wired Input/Outputs WIO100 (out of NF&A2P compliance)

Wired Siren WIS100

Video

Video format WMV or MPEG

Images per second 5

Image size 320x240 or 640x480 pixels

Video length 4 to 12 seconds

Miscellaneous

Programming Keypad or USB

Max number of devices 24

Max number of codes/badges 50

Arming modes 4

Areas 4

Event log 4,000 events stored on flash memory

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