W & WIP ALARM PANEL

DOC. - REF. 230-W-WIP
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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) transmlitter 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 aslo 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)

CE

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

915MHz (WIP 620 /630)

FC

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)

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.

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

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*

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.*

Deutsch

- *Batterien vor jeglichen Wartungsarbeiten entfernen!*
- *Vorsicht, es besteht Explosionsgefahr, wenn eine Batterie durch eine Batterie falschen Models 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 règlementations 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.

SPECIFICATIONS SHEET

W & WIP ALARM PANEL

ELECTRICAL DATA

Power supply	
W210 & WIP 210/220/230	
	$5V_{DC}$/1A Mini-USB connector
	AC/DC adapter (110/230VAC/50-60 Hz) available (WPS100)
WIP 610/620/630 & WIP 710/720/730	
	$12V_{DC}$/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	Bidirectional RF
Operating frequency	868MHz - WIP210/220/230 - W210 (Europe, South Africa, Asia) 915MHz - FHSS - WIP610/620/630 (USA, Canada, South America) 920MHz - FHSS - WIP710/720/730 (Australia, South America)
Transmission security	AES encryption algorithm
Radio jam detection	Yes
Supervision	Yes
Radio 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
International Protection Marking	IP31 / IK06
Material	ABS—ULV0

Dimensions	
Panel	143 mm x 200 mm x 44mm

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 (WIP210/610/710) 2G (W210) LAN Ethernet (WIP220/620/720) 3G & LAN Ethernet (WIP230/630/730)
Security protocol	Frontel
IP stack	TCP/IP
Video transmission	By Frontel protocol to central monitoring station or App servers
2G3G Antenna	Integrated

Optional modules	
Wi-Fi	WWB100 (WLAN 802.11 b/g/)
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
Max number of devices	24
Max number of codes/badges	50
Arming modes	4
Areas	4
Event log	4000 events stored on flash memory