videofied
Made by RSI VIDEO TECHNOLOGIES

W and WIP Panel

INSTALLATION MANUAL

Doc. - Ref. 230-WIP210
Last modification date : February 2015
Firmware version : XLP 05.21.03.XXX and later

Description

Since 2002, RSI VIDEO TECHNOLOGIES provides the only wireless video verification on the market, thanks to the Motion Viewer™ detectors and to the Videofied®product range

After 2 years of development, RSI VIDEO TECHNOLOGIES is proud to present the new W alarm panel.

The W alarm panel is wireless and mains powered with a backup rechargeable battery (provided). The W panel is the first Videofied® alarm panel that can be used as a connected device.

This panel is intended for residential and commercial markets.

Like all the Videofied® alarm panels, the W panel is compatible with every radio device manufactured by RSI VIDEO TECHNOLOGIES.

Technology

The W alarm panel uses the S2View® patented technology. That interactive and wireless technology ensures signal integrity. The bidirectional radio link maximizes the signal reliability.

AES encryption protects the communication between the panel and the devices. Transmission security is optimal.

The jamming detection feature identifies any intentional jamming from a third party.

The supervision feature consists of transmitting signals between every device of the system and the W alarm panel. Through the supervision, the detectors transmit every 8 minutes a presence signal.

The entire RSI VIDEO TECHNOLOGIES team wishes you a successful installation.

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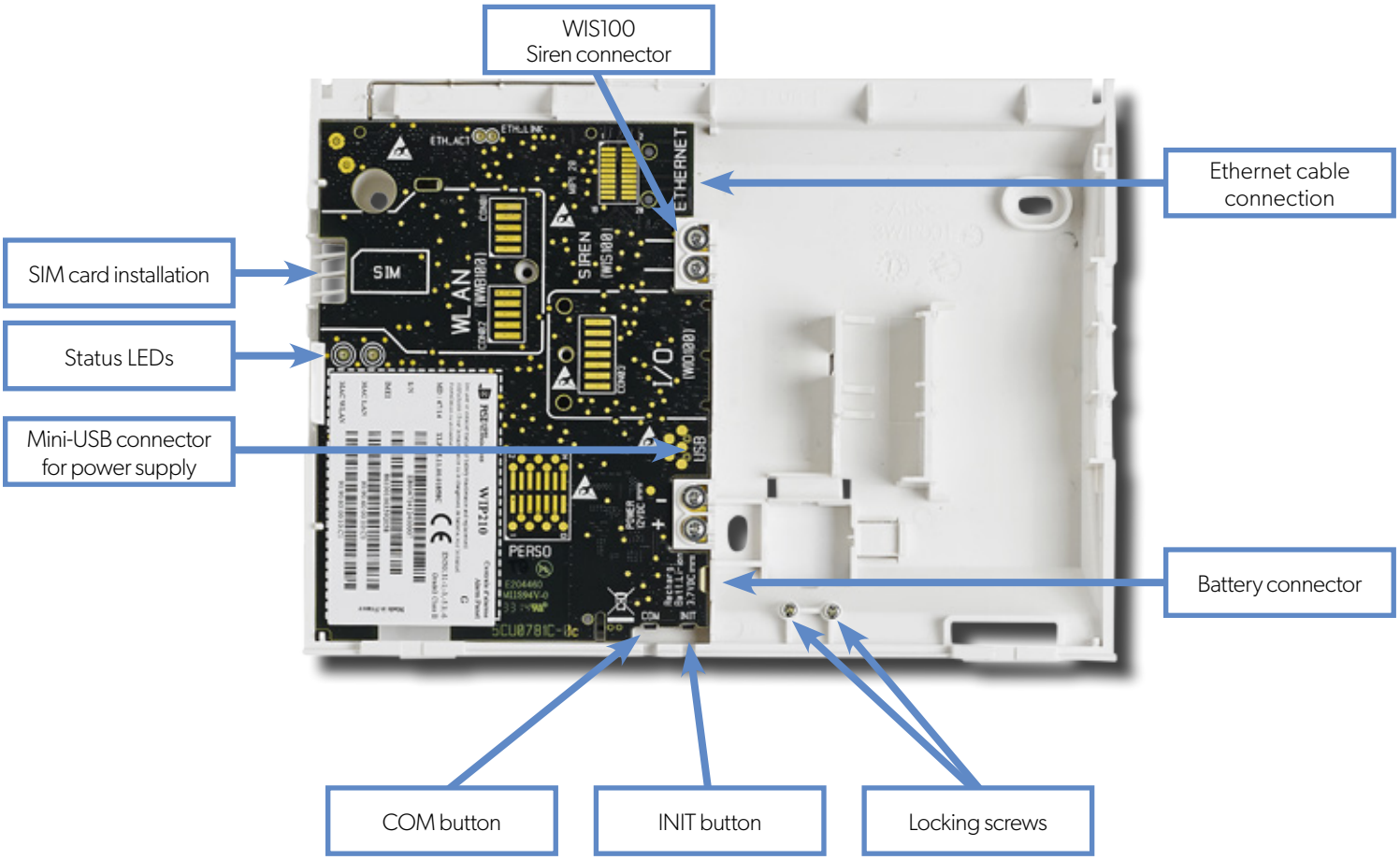
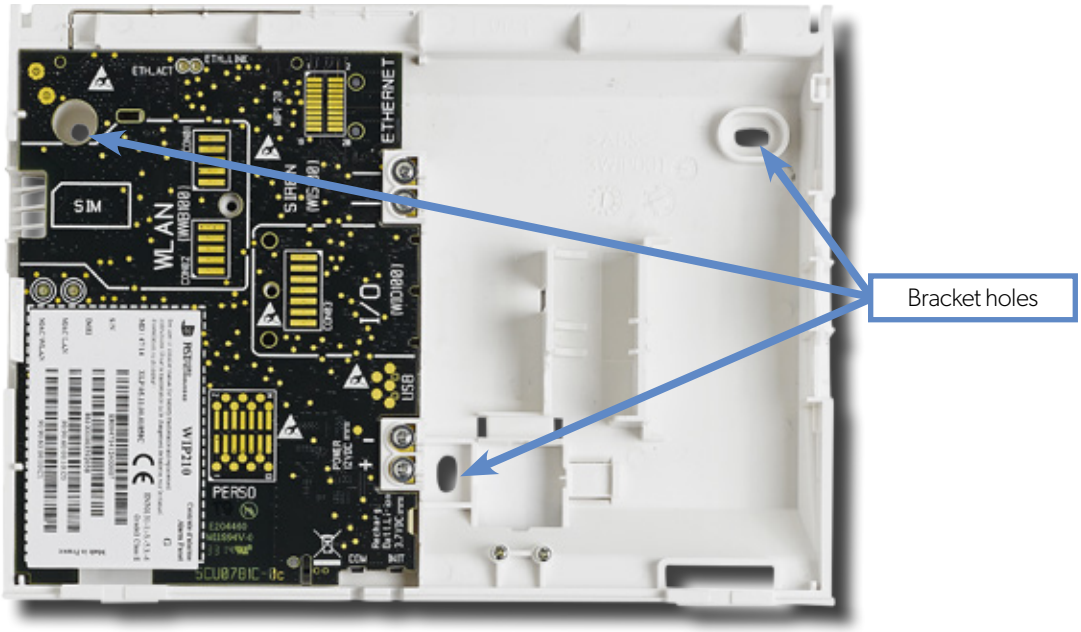
1.1 Panel overview



1.2 Panel mounting

Fix the back casing on the wall using the three mounting holes (4 mm diameter) as shown.

Mounting the panel is not required for programming.

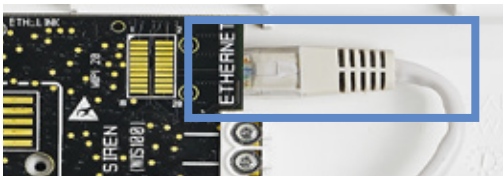


1.3 Ethernet cable connection

Only for models WIP 210/220/230, WIP 620/630 and WIP 720/730

Once the panel is fixed on the wall connect a RJ45 cable between the site internet network and the panel Ethernet port.

When the panel attempts a transmission via Ethernet, a red LED on the connector will flash. This will allow the installer to check whether the panel is connected to a valid network.



Do not touch the RJ45 cable when the panel is powered.

IMPORTANT :

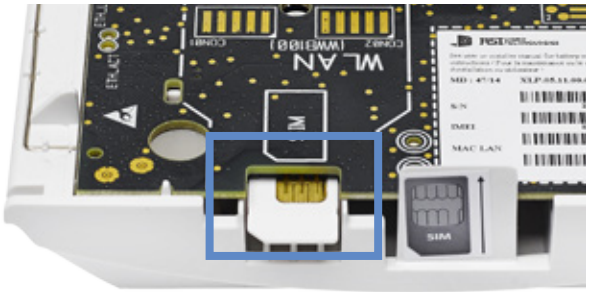
Only connect the panel on 10Base-T SELV networks.

1.4 SIM Card Installation

Insert a Mini-SIM 2FF SIM card in the location shown in the image. Please refer to the markings for the insertion direction.

Use a M2M (machine-to-machine) 2G3G SIM card. If the panel is used with a smartphone application, the SIM card shall be able to receive SMS.

DO NOT insert or remove the SIM card while the panel is powered.



1.5 Powering and initialization

AC Power

- Connect the backup battery.
- Install the power supply inside or outside the panel box depending on the needed cable length.
- Connect the power supply to the panel mini-USB connector
- Plug the power supply in an electrical outlet.

Initialization

- **Leave the panel open.** The green status LED de statut verte is on. Press and hold the INIT button for 6-7 seconds until the status LED turns red for 1 second.
- The red LED blinks several times then turns off. That procedure resets the panel memory.
- The panel is now reset, a Videofied® keypad has to be enrolled to configure the panel.

1.6 Indicator lights

	Red LED on	Red LED blinking (every 3 seconds)	Red LED off
Green LED on (AC power detected)	Battery out of order or not detected.	Low voltage on the battery.	Normal operation
Green LED off (AC power not detected)	Low voltage on the battery.	Panel working on battery. Battery OK.	Panel not powered or out of order.

1.6 Pairing the remote keypad

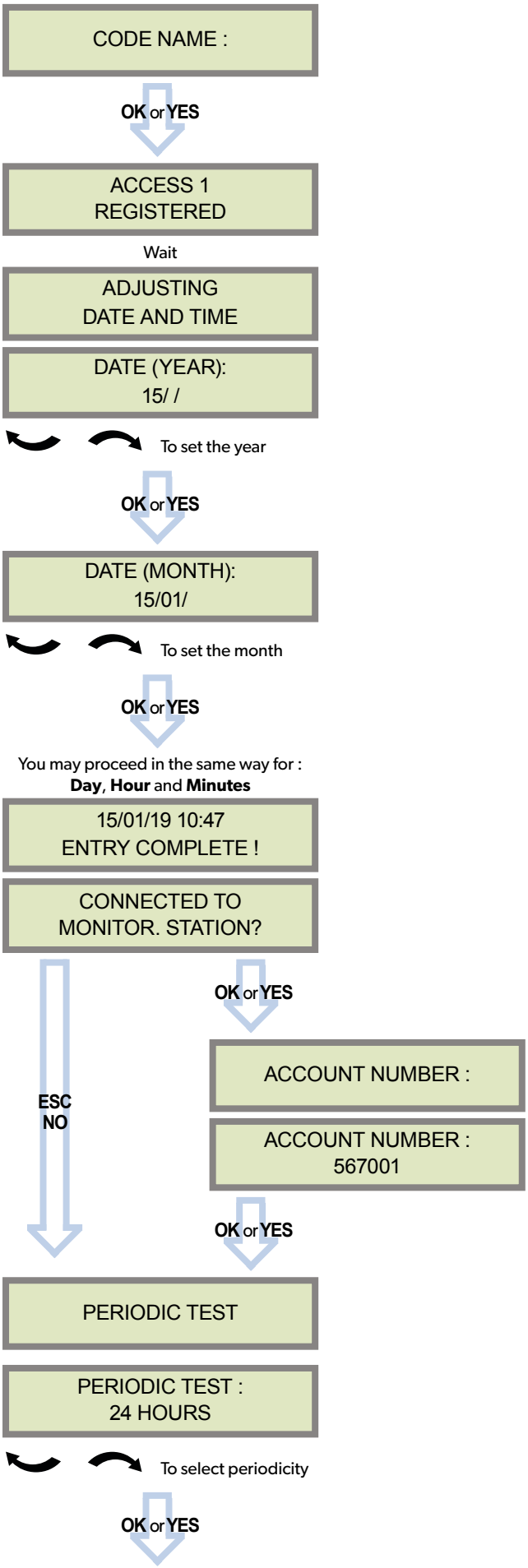
- Press briefly the panel INIT button and release for the enrollment of a programming keypad.
- Insert 3 or 4 **LS14500 Lithium batteries** into the keypad.
- Do not mount the keypad. It will display on of the following screens:

RSI (c) 2015 videofied.com	**or**	<=========XX=========>

- **Press on both CLR** and **ESC NO keys at the same time** and release. The indicator LED on the keypad will blink rapidly. Wait for the keypad to pair.
- **If the keypad does not pair up with the panel** and shows "XX", it certainly means that it is stilled paired to another system. The keypad needs to be reset. Remove the batteries and press repeatedly on the keypad tamper switch for 30 seconds to 1 minute. Then proceed to the above steps.

Use the keypad to program the panel

Keypad Display	Actions and comments
KEYPAD 1 RECORDED	
OK or YES	
< - LANGUAGE : - > ENGLISH (UK)	The system can also be programmed in : french, italian, german, dutch, spanish, swedish, portuguese, danish, czech, turkish and polish. The language can be changed at any time once the panel is programmed in the MAINTENANCE menu.
for language selection	
OK or YES	
RADIO RANGE TEST?	
OK or YES	The radio range test must be run during the device learning process in order to ensure proper pairing with the control panel. **This test is important**, it measures the strength of communication between the device and the control panel. The keypad will display a real time radio range value on a scale of 9. To receive the most accurate results you must run the radio range test for at least 30 seconds. **Result must be 8 out of 9 or better for reliable transmission.**
RF TEST x/9	
Attendre	
RF TEST 9/9	
OK or YES	
RADIO RANGE TEST?	
ESC NO	
INSTALLER CODE	Using the alphanumeric keypad, enter the installer code of your choice. The installer code will be used for all future maintenance and configuration. **This code is important to keep track of.** **There is no back door or Default codes to the system.** Please refer to the restriction rules for codes (Chapter 3.4). Some codes are already used by default and therefore cannot be used.
4 TO 6 DIGITS THEN OK/YES	
INSTALLER CODE:	
OK or YES	
CONFIRM CODE	
OK or YES	



You may name the installer code using the alphanumeric keypad.

If using automatic setting (called installer default list), enter the name of the list.

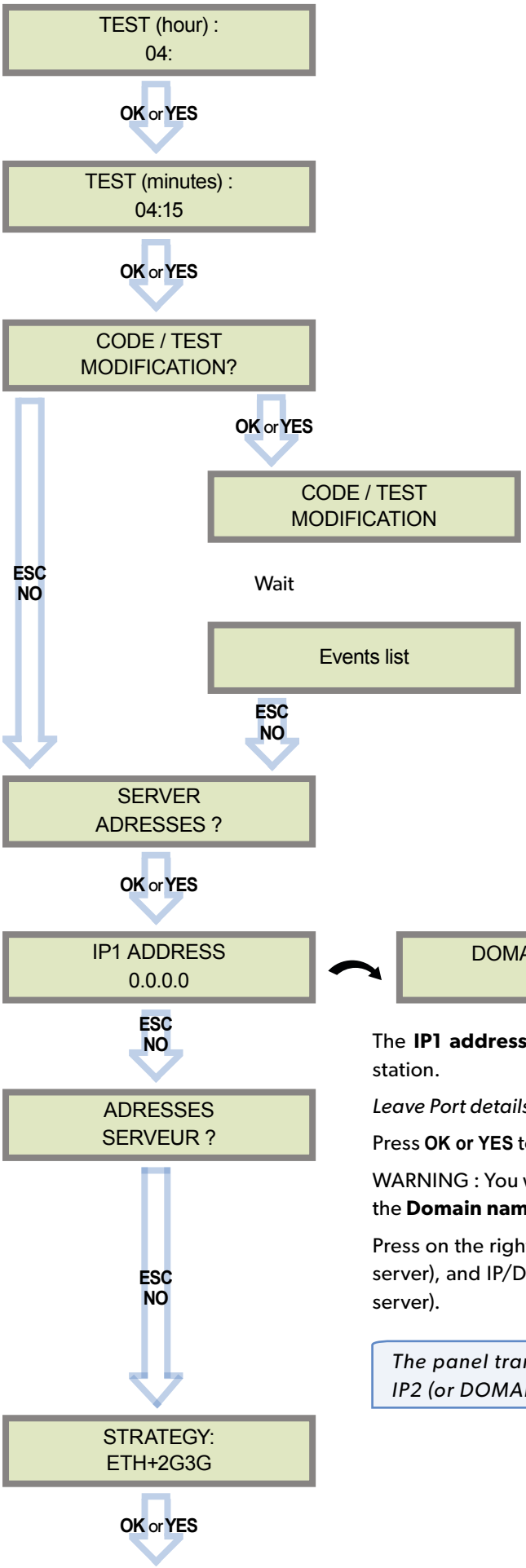
Warning : If the wrong installer list name is used, it cannot be set later, the system must be defaulted.

Leaving the name blank by pressing **ESC NO**, it will be named 'ACCESS 1' by default.

Use the alphanumeric keypad to enter in a 4-8 digit account number provided by the Central Station

Test Periodicity: 1 hour, 12 hours, 24 hours, 48 hours, 7 days or no tests.

We suggest a 24 hours periodic test call.



The CODE/STATE MODIF. menu is used to configure the transmitted events to the monitoring station. Use the arrow keys to toggle between events and **OK** or **YES** to modify.

ALARM: event transmitted upon occurrence.

ALARM/END: event is transmitted on occurrence and on event restoral.

NOT TRANSMITTED: event is not transmitted, however it will appear on the keypad.

Please liaise with your Monitoring Station to ensure that the requested events to transmit are correctly set.

The **IP1 address**, **Domain Name 1** and/or **Port 1** are provided by the monitoring station.

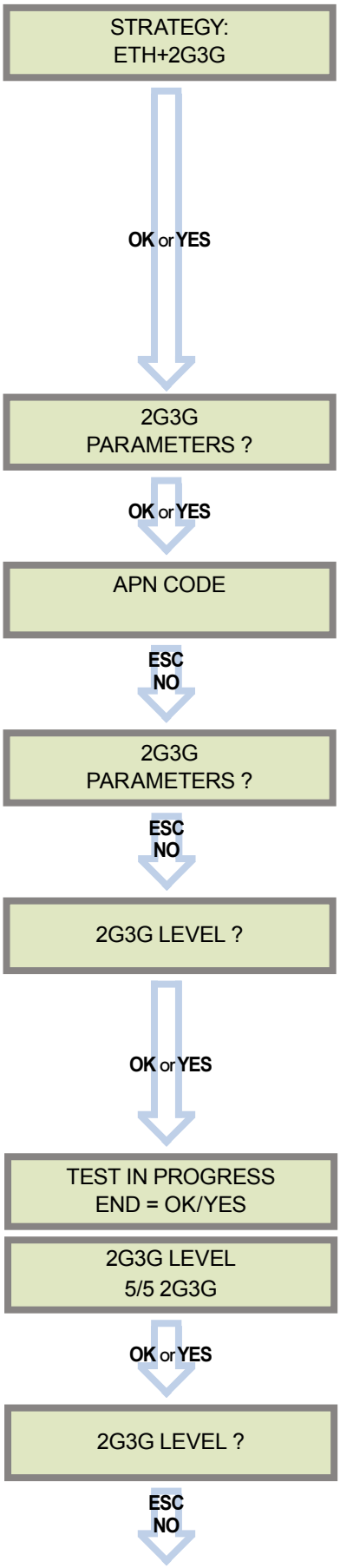
Leave Port details at 888 unless otherwise instructed.

Press **OK or YES** to enter/modify the parameter then **OK or YES** for validation.

WARNING : You will use either an **IP address** or a **Domain name**, but **not both**, leave the **Domain name** blank if an **IP address** has already been entered.

Press on the right arrow to configure IP/Domain name 2 and PORT2 (for the back-up server), and IP/Domain name TMT and PORT TMT (to configure remote maintenance server).

The panel transmits in priority to IP1 (or DOMAIN NAME 1) / PORT 1 then to IP2 (or DOMAIN NAME 2) / PORT 2 as a backup.



How the alarms and videos are transmitted to the monitoring station :

2G3G :	SIM card transmission only
ETH :	Ethernet transmission only (not recommended***)
WLAN :	Wi-Fi** transmission only (not recommended***)
ETH+2G3G :	Ethernet* transmission with backup SIM card
2G3G+WLAN :	Wi-Fi** transmission with backup SIM card
ETH+WLAN :	Ethernet* transmission with backup Wi-Fi** (not recommended***)
ETH+2G3G+WLAN :	Ethernet* transmission with backup Wi-Fi** then backup SIM card

**Only for models WIP 210/220/230, WIP 620/630 and WIP 720/730*

***Only available when the WWB100 module is installed.*

****In case of internet loss or AC power loss, transmission failures can occur by using Wi-Fi and/or Ethernet without a 2G3G line backup.*

APN CODE → USER NAME → PASSWORD →

The **APN Code** (Access Point Name), **User Name** and **Password** are supplied by the mobile operator. Please make sure you have entered the code exactly as indicated by your local SIM card operator.

Press **OK** or **YES** to enter/modify the parameter then **OK** or **YES** for validation.

Note: When entering your SIM card settings, both APN codes, username and password fields are case sensitive! It makes a difference between UPPER and lower case letters.

To switch between UPPER and lower case, use the M/m key from CMA keypad or hold a digit key (0-9) for XMA/XMB.

Once the 2G3G test completed, the keypad will display one of the following results :

- A level between 0/5 and 5/5.

- A GPRS Error code (please see Chapter 6 : 2G3G errors codes and contact your technical support).

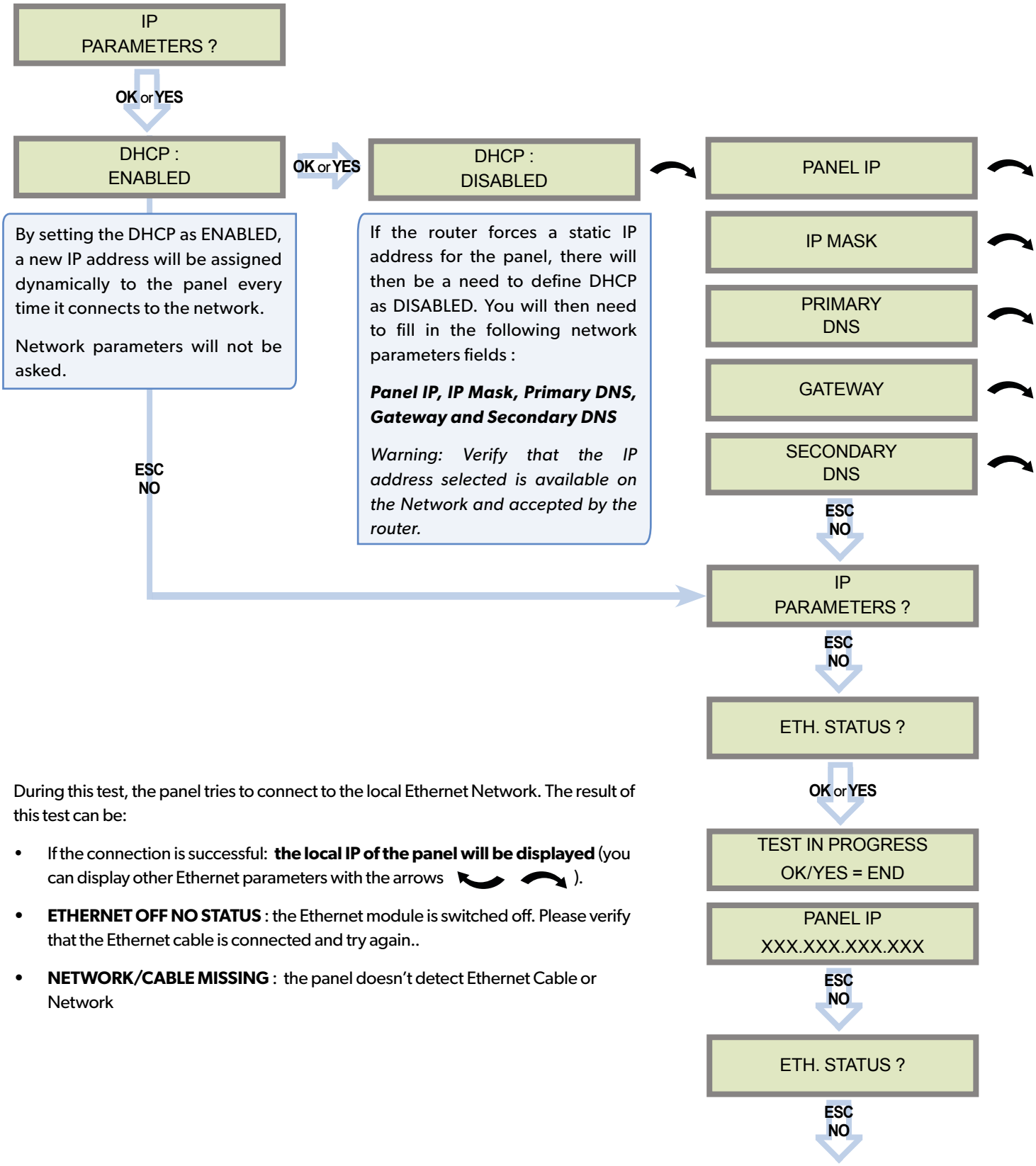
If the screens shuts down, press any key to light it up except **OK** or **YES**, **ESC NO** or **CLR**.

The 2G3G level test can last several minutes. Do not interrupt the test or remove the SIM card during the test.

IMPORTANT : Videofied will require a 3/5 grade or better for reliable transmission of Video alarms.

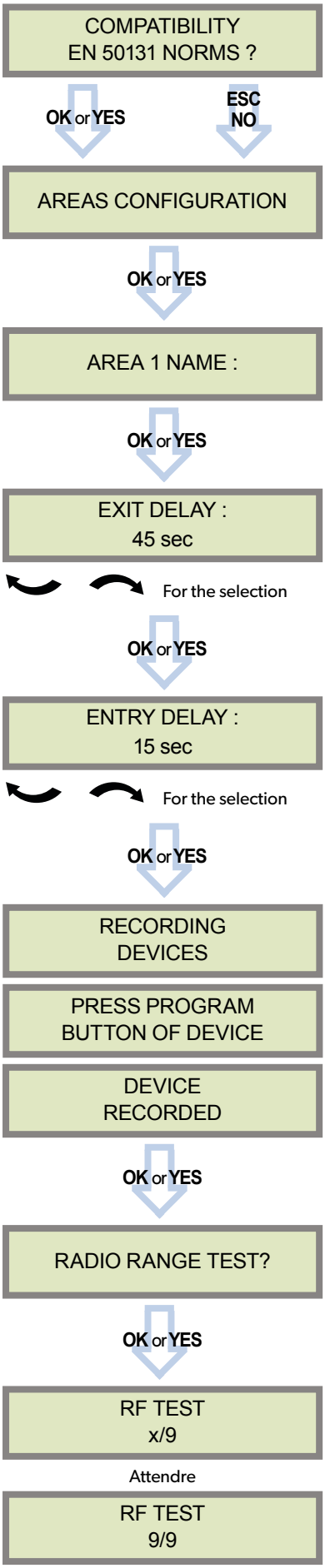
ETHERNET parameters configuration

Only for models WIP 210/220/230, WIP 620/630 and WIP 720/730



During this test, the panel tries to connect to the local Ethernet Network. The result of this test can be:

- If the connection is successful: **the local IP of the panel will be displayed** (you can display other Ethernet parameters with the arrows).
- **ETHERNET OFF NO STATUS** : the Ethernet module is switched off. Please verify that the Ethernet cable is connected and try again..
- **NETWORK/CABLE MISSING** : the panel doesn't detect Ethernet Cable or Network



For full compatibility with EN50131 norms, press **OK** or **YES**. Otherwise, press **ESC NO**.

Press **ESC NO** to default the area names.

Enter the name of Area 1 and confirm with **OK** or **YES**.

Repeat the procedure for areas 2,3 and 4.

For further details, please refer to chapter 3.3.

Available delays are : 2 min, 1 min, 45 sec.

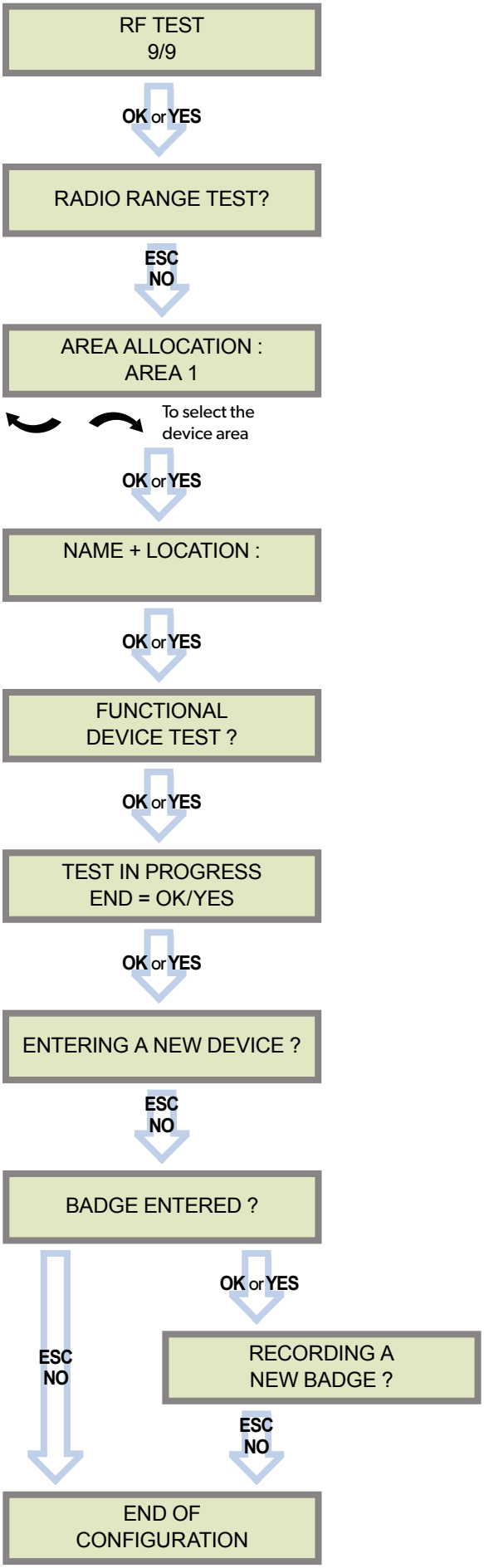
Available delays are : 15 seconds, 30 seconds, 45 seconds, 1 minute et 2 minutes.

Each device has a unique programming button or a specific manipulation. Please refer to the Installation Sheet for the device you would like to program.

Please check the radio level of each device on its final location.

The result must be 8 out of 9 as a minimum.

Please refer to the RF test section on page 6 for further details.



Each device is recorded in an area.

Each area can be configured as delayed or immediate. Areas are used to set up special arming modes as well.

Please refer to the chapter 3.3 for further details about special arming modes.

By default (area set as Automatic), area 1 is delayed whereas areas 2, 3 and 4 are immediate. Recording a keypad or a badge reader in an area will automatically delay that area.

The name of the device shall contain every needed information to be properly processed in case of alarm.

During the functional device test, the device LED turns on when it detects an intrusion.

Press **OK** or **YES** to enter another device or **ESC NO** to move on to the next step.

Each system can embrace a maximum of 25 devices, **programming keypad included**.

Press **OK** or **YES** if you use one or more badges. **ESC NO** if you are not using any badges.

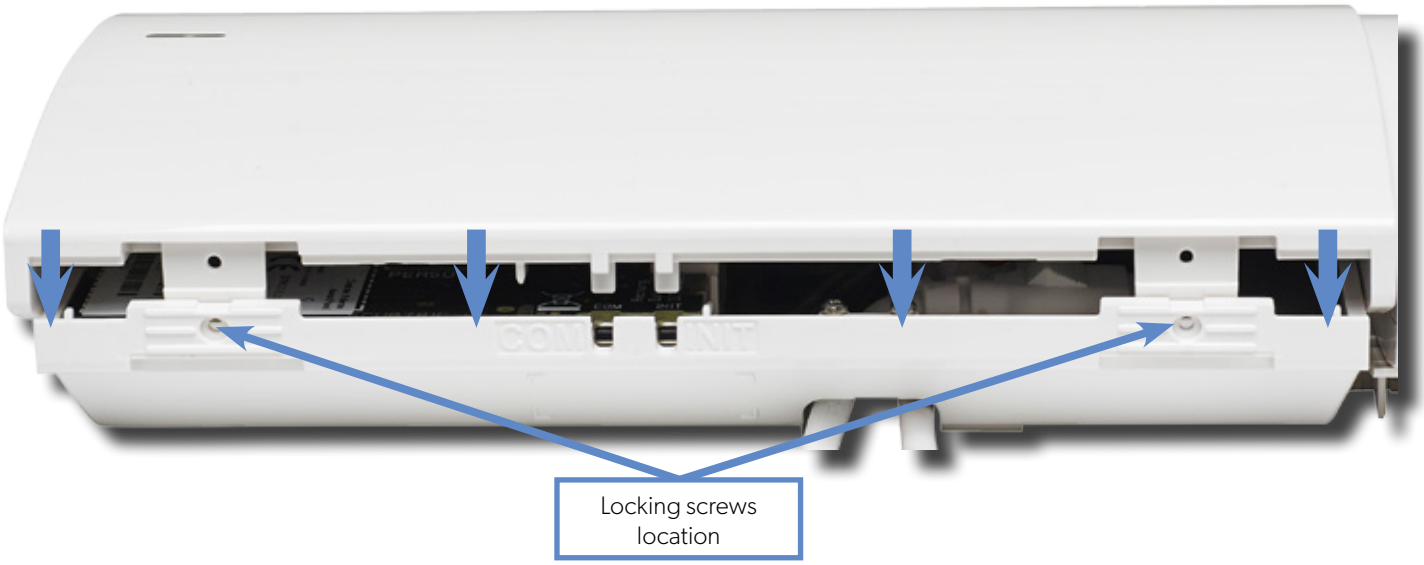
These badges will be used as a first user access (Level 3) and will be mandatory to access the engineer level (Level 4).

If you wish to use an user code, please skip this step and when initial programming is completed go to the BADGES/ACCESS CODES menu (please refer to chapter 3.4 for further details).

Badges and codes are limited to 49 user accesses and 1 engineer code.

When the configuration is over, close the panel box as shown below and lock the panel. You can find screws to lock the panel inside the box (see chapter 1.1 on page 4). Then stick the provided tag to seal the panel.

Box locking and sealing is mandatory to comply with NF&A2P and EN50131 standards.



The keypad displays :

OPERATION COMPLETED?

OK or YES

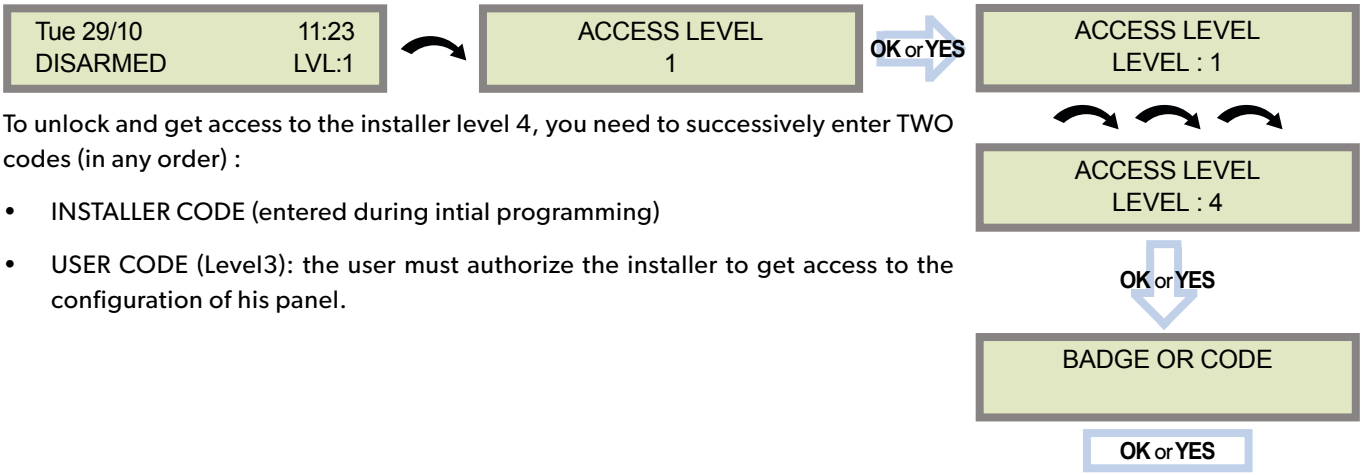
SYSTEM CHECK IN PROGRESS

INSTALLATION SUCCESSFUL !

Before completing programming make sure that no device is tampered. Each device must be closed and its LED indicator shall be turned off.

After initial programming has been completed, make use of the menu overview document (available on our technical support portal), to see full programming options.

3.1 Get to Access level 4



To unlock and get access to the installer level 4, you need to successively enter TWO codes (in any order) :

- INSTALLER CODE (entered during intial programming)
- USER CODE (Level3): the user must authorize the installer to get access to the configuration of his panel.

3.2 How to Arm/Disarm the System

When in standby mode, the system can be armed with the remote keypad , the remote keyfob and/or the remote badge reader.

	Full arming with personal code	Full arming with badge	Special Arming 1	Special Arming 2
With remote keypad	Enter your user code and press **OK or YES**	Present your badge on the keypad (XMB model only)	Press enter your user code and press **OK or YES**	Press enter your user code and press **OK or YES**
With remote badge reader BR250	N/A	Present your badge on the badge reader	N/A	N/A
With remote keyfob	N/A	N/A	Press	Press

3.3 Arming and Siren Mode Configuration

- Use to go to menu :

CONFIGURATION (LEVEL 4) > **SPECIAL ARMING MODES** > **FULL ARM, SP1 or SP2**

- **There are 3 different arming modes :**

FULL ARM : Arming of all areas and all devices. Use a badge or a user code and press **OK** / .

SP1 : Partial Arming (1) is enabled by entering the user code and pressing on the keypad or on the keyfob.

SP2 : Partial Arming (2) is enabled by pressing and entering the user code. On the keyfob, SP2 is enabled by pressing .

For each arming mode, it is possible to specify how each of the 4 areas will be armed and how the system will behave during an alarm.

Areas :	1	2	3	4
State :	A	A	A	A

Each time you press the corresponding number, the system will toggle the arming state for the respective area.

Press **OK / YES** after this configuration step. The system will then display what siren mode will be in effect for this special profile. Select the siren mode using the direction arrows then press **OK / YES**.

A	**Armed**
D	**Disarmed**
P	**Perimeter** (by default : all opening contacts*)
E	**External** (by default : all opening contacts with external access*)

Siren	Immediate triggering of all sirens
Delay Beeps	Entry/Exit delay beeps, then triggering of all sirens
Silent	No Sirens, No Beeps
Without Siren	Beeps on the keypad only

** You can set your devices as : External, Perimeter, ou External +Perimeter. Please go to the menu:*
CONFIGURATION (LVL 4) > AREAS AND DEVICES > DEVICES > DEVICES CONFIGURATION > DEVICE TYPE

3.4 Manage badges and access codes

Access Level

Access Level	Definition & Rights
LVL 1	Standby Level
LVL 2	**Restricted USER level,** where it is only possible to arm/disarm the system.
LVL 3	**USER level,** where it is possible to arm/disarm the system, check the event log, test the devices. Modifications of the settings are not possible at this level. User **Level 3** can create **Level 2** or **Level 3** access codes or badges.
LVL 4	**INSTALLER level,** where it is possible to modify the setup of the panel. . To access **Level 4**, the approval of a **Level 3** oe **Level 2** user is required. Installer **Level 4** can creat the first **Level 3** access code only.

Codes and badges get rights access to one of the 4 available levels of access.

How to return to the LVL1?

- After 1 min of no use of the keypad and no tests running, the display returns to the standby display and LVL1.
- When standby display, if the **ESC NO** key is held during 5s, the level is changed to LVL1.

Enter a new end user Badge/Code

BADGES ACCESS CODES

OK or YES

ENTER A BADGE/CODE

OK or YES

BADGE OR CODE

Enter a 4-6 digit user code and

OK or YES

or present a badge in front of the reader until you hear the registration beep.

CONFIRM THE CODE

OK or YES

CODE NAME :

OK or YES

ACCESS 2 ENTRY COMPLETE

Delete an end user Badge/Code

ENTER A BADGE/CODE

Press twice on the right arrow

DELETING BADGES/CODES

OK or YES

Badges/codes list

Select badge/code then

OK or YES

DELETING CODE ACCESS 5

OK or YES

CODE DELETED

Reserved Codes

Up to 49 codes (or badges) can be registered into the panel with the engineer code.

A code has 4 to 6 digits (0 to 9).

The table presents the **reserved** code possibilities that cannot be used.

Those codes are used for maintenance or as panic/duress codes.

A total of 186 codes are forbidden.

Reserved Codes
000000
From 9998 to 9999
From 99998 to 99999
From 999898 to 999999
From 314157 to 314159
All user codes +1
All user codes +2
All user codes -1
All user codes -2

When a code is created (1000 for example), the 2 next codes and previous codes (0998, 0999, 1001 and 1002) will be automatically reserved.

The +1 code (1001) is used for disarming under duress.

The +2 code (1002) is used for panic.

The -1 and -2 codes (0998 et 0999) are reserved to prevent conflicts when creating a new user code.

3.5 Delete the keypad or any other device

ACCESS LEVEL 4 → CONFIGURATION

OK or YES

GENERAL PARAMETERS → AREAS AND DEVICES

OK or YES

DEVICES

OK or YES

ADD A NEW DEVICE

DEVICE CONFIGURATION

OK or YES

Devices list

to select the device and press

OK or YES

A1 : KEYPAD KEYPAD 1

OK or YES

DELETE

OK or YES

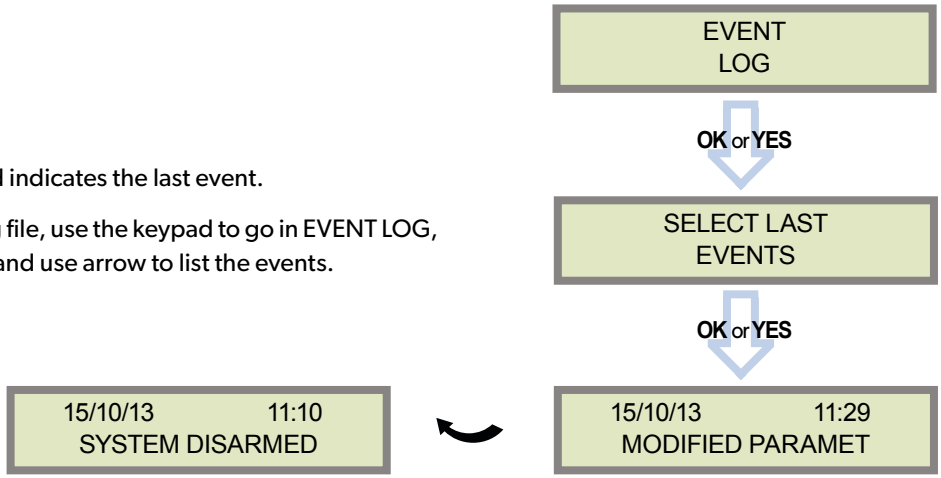
< = = = = XX = = = = >

You can now remove the batteries from the device

3.6 Read the event log

When user disarms the system, the keypad indicates the last event.

In case of the user needs to read the full log file, use the keypad to go in EVENT LOG, press **OK** or **YES** on SELECT LAST EVENTS and use arrow to list the events.



Press **OK** or **YES** for more information about an event

3.7 Golden rules

1. **Area 1** device are **delayed** by default (Area mode parameter set as Auto)**.** When you register a keypad or a badge reader into an area set as Auto, that area will automatically be delayed.
2. **Never position** a panel next to a **high voltage** electrical cabinet. The interference will affect radio and 2G3G performance.
3. Press **CLR** to erase a typing mistake.
4. Never register the same device twice (delete from the system first).
5. The panel can register of **up to 25 devices** of all types, including the keypad and the keyfobs.
6. Follow the Motionviewer installation instructions. Consider the infrared field of detection when installing the Montionviewer cameras, in order to protect goods or an entry point instead of a zone.
7. Do not fix the keypad at the beginning of the installation as it will need to be portable during programming.
8. **Always clean** the lens of the cameras after the installation. Use a clean, dry cloth, taking care not to exert pressure on the lens.
9. Internal components are fragile, be careful opening or closing the panel.
10. LCD screen goes dark after 30 seconds of inactivity, press an **arrow or numeric key** to light it up.
11. Infrared detectors should never be installed in stairs or close to stairs (false alarm risks).
12. A colon display [:] means that the parameter can be changed. Press **OK / YES** to display the colon

To configure Ethernet parameters, using the direction arrows, go to the menu :

Lvl. 4

CONFIGURATION → OK or YES → GENERAL PARAMETERS → OK or YES → ETHERNET

To configure or modify Ethernet Parameters, go to:

- **IP Parameters**:

If you wish to use the Ethernet transmission mode, two options are available:

1. **DHCP Enable**: IP address is assigned by the DHCP service on the network. (Dynamic IP address). This is the default option.
2. **DHCP Disable**: IP address must be defined in Ethernet parameters. IP address will NOT be automatically obtained from DHCP service on the network. Each connection from the panel to the network (alarms transmission), the XT-iP will have the same connection parameters. You must first connect to the router in order to get the network parameters and all available IP addresses. The following parameters must be filled in the IP PARAMETERS sub-menu: PANEL IP, IP MASK, GATEWAY, PRIMARY DNS, SECONDARY DNS.

- **Constant Ethernet**:

Three options are available:

1. **"Auto" Mode** - We recommend this mode. If main powered, the panel will be connected constantly to the local Network. In case of an alarm, the alarm will be sent in few seconds to the monitoring station. When the main power is cut, the Ethernet module will switch off after a delay (DELAY BEFORE OFF – 30 by default) in order to save battery life. In case of an alarm, the panel will at first connect to the local Network. It adds few seconds to the total process of sending an alarm.

   You can set the delay in this menu :

   CONFIGURATION (LVL 4) > **GENERAL PARAMETERS** > **ETHERNET** > **CONSTANT ETH.** > **DELAY BEFORE OFF**.

2. **"ON" Mode** - The panel will be connected constantly to the local Network. This option will impact back-up battery life.

3. **"OFF" Mode** - For each transmission of alarm and video, the panel will connect to the local Network.

- **PING reply, Time Out Server, Max Seg. Size:**
  - PING REPLY: Enables ping response.
  - Time Out Server: In case of disconnection to the local Network, the panel will try after that time to re-connect.
  - Max Seg. Size: Maximum size of packet sent.

The W panel can be configured to enable or disable the transmission of specific events like alarms or malfunctions.

The installer can modify the default sending settings for those events, although it will end the EN50131 standard compliance.

These are the default transmitted events :
DEVICE (intrusions)
ALERT (Panic Buttons)
PANEL LOW BATT.
TAMPER
DEVICE LOW BATT.
PERIODIC TEST
DURESS CODE
FIRE
MEDICAL ASSIST.
ETHERNET CABLE
AC POWER LOSS (AC Power supply)

The following events are not sent by default :
PANEL RESET
PHONELINE FAULT
RADIO JAMMING
SUPERVISION
5 WRONG CODES
ALARM CANCEL
ARM/DISARM (On/Off)
ZONE BYPASS (bypass function enabling/dsiabling)
SWINGER SHUTDOWN

There is 3 different transmission states :
ALARM : event transmitted upon occurrence
ALARM/END : event is transmitted on occurrence and on event restoral
NOT TRANSMITTED : event is not transmitted, however it will appear on the keypad.

Example :

If the monitoring station system is set to receive arms and disarms, the **ARM / DISARM** parameter must be changed from **NOT TRANSMITTED** to **ALARM / END**.

How to modify the transmission state

- **At initial programming, right after the PERIODIC TEST CALL step:**

CODE/STATE MODIFICATION

Press **OK or YES** to access **EVENT TRANS. MODIFICATION** menu.

- **After initial programming, using a remote keypad :**

Use the arrows to access :

CONFIGURATION (level 4) > **CONFIGURATION MONITOR. STATION** > **MONITORING PARAMETERS** > **EVENT TRANS. MODIFICATION**

Then use the arrows to determine the event to modify. Press **OK or YES** to edit.

Security limitations on the SIM card must be disabled.

The PIN of the SIM card has to be disabled or 0000.

The following is a list of error codes that can appear after the 2G3G test.

2G3G LEVEL :
ERROR XXX

In case of 2G3G errors during initial programming, we strongly suggest to continue with the installation and perform the 2G3G level test again once achieved.

Codes	Errors
03 ou 04	No network coverage or no SIM card inserted
003	SIM card not detected/not inserted
010	SIM not inserted
011	PIN code necessary *-> PIN code must be deactivated*
012	PUK code necessary, SIM card blocked
013	Default SIM card
014	SIM card busy
015	Error on SIM
030, 043, 057, 102, 132, ...	• No network coverage • Typographical error in the APN Code, username, password • SIM card not activated

This error checklist is provided for information purposes only.

This is not a comprehensive list, but it is representative of most cases. Some events or codes are subject to change by SIM card operators.

However, the 2G3G level test errors results in the majority of cases have the following causes :

- **SIM Card activation Delay:**

Some operators require an additional delay up to 48 hours to activate automatic data transmission. Please check with your operator prior to installation.

- **APN CODE, USERNAME and PASSWORD :**

The 2G3G settings are supplied by the operator. Please make sure you have entered the code exactly as indicated by your local SIM card operator.

Note: When entering your SIM card settings, both APN codes, username and password fields are case sensitive! (It makes a difference between UPPER and lower case letters).

To switch between UPPER and lower case, use the M/m key from CMA keypad or hold a digit key (0-9) for XMA/XMB.

Insufficient GPRS Network:

When the panel is unable to find any signal, proceed to GPRS level test in another location on site. You can also find the network state or condition of use by directly contacting your local operator.

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.
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
Sites Internet : http://www.cnpp.com
Email : 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
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 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.

Electrical data

Power Supply

W210 / WIP 210 / WIP 220 / WIP 230

5VDC/1A Mini-USB connector

AC/DC adapter (110/230VAC/50-60 Hz) available (WPS100)

WIP 620 / WIP 630 / WIP 720 / WIP730

12VDC/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	3 days with 6 alarms
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
2G3G 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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