AMC

IFV800
VIDEO SENSOR

INSTALLER MANUAL

CE

RoHS COMPLIANT 2002/95/EC

IMPORTANT NOTES

- The following manual has been prepared to provide assistance to users who use the system. All those who use the systems listed in this manual must be authorized.
- The information contained in this document are property of AMC Elettronica s.r.l.
- All information contained in this document is subject to change without notice.
- Every part of this manual should be interpreted and used only for the purposes for which it was drafted, the use other than as prescribed must be authorized by AMC Elettronica srl, under penalty of forfeiture of the guarantee.
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GUARANTEE

AMC Electronics s.r.l. ensures that products are free from defects in workmanship.
The product is not installed by the manufacturer and can be used with other products not manufactured by AMC Elettronica srl, the manufacturer does not guarantee or be held responsible for damage and / or theft or other types of issues caused by an incorrect installation and / or configuration of the system.
 Is not guaranteed to:
- improper use of the panel
- programming errors
- manipulation and vandalism
- wear and tear
- lightning, floods, fire.
AMC Electronics s.r.l. reserves the right to repair or replace the defective product within the limits established for 24 months.
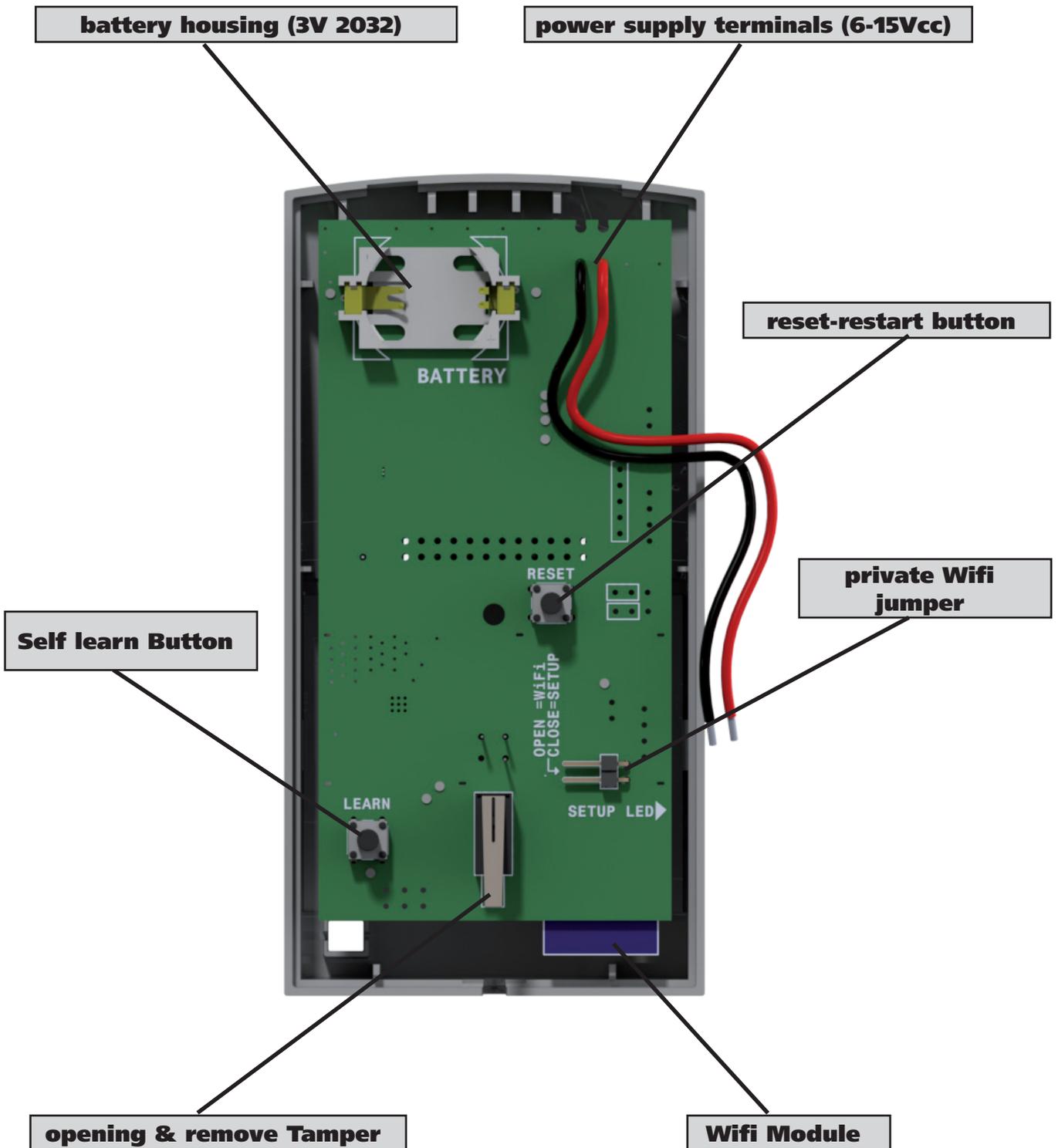A different use from that stated in this manual will void the warranty.
The installation must be performed in a workmanlike manner by qualified personnel.

IFV800 - VIDEO SENSOR DESCRIPTION

IFV800 is a video pir sensor, the Pir part work like a normal wireless infrared sensor and can be programmed in the same way like all wireless devices of 800 series. The video part working in Wifi mode, need to connect to a Wifi network.

When the sensor will go in alarm the camera will send on cloud, via WifI, 10 seconds video pre-post alarm, when cloud receive it, will send a PUSH on phone for advising the user that there is available in the APP (AMC manager PLUS +) a video of alarm. The Videos of alarms will remain in cloud for 48 hours, after this time, they will be deleted in automatic. The user can download from APP the video and save in photo gallary of smartphone. All parameters of video are editables in the APP with a private Wifi system.

IFV800 need power supply, from 6 to 15 Vcc. There is 1 battery 3V Lithium 2032- for back backup of PIR.

KX AL - BOARD DESCRIPTION

battery housing (3V 2032)

power supply terminals (6-15Vcc)

reset-restart button

Self learn Button

private Wifi jumper

opening & remove Tamper

Wifi Module

IFV800 - CONFIGURATION

To make the sensor work, is necessary follow these steps:

wireless part:

- Open the sensor (no power)
- Close jumper private Wifi (look figure above)
- connect the power on sensor (2 wire)
- in Panel go in wireless menu and enroll the wireless part (with self learn button or with code)
- configuring wireless part, link the sensor to the zone, it's possible link the video camera to more zones...(see wireless manual)

    !!!!!wireless part finished!!!!

Wifi section:

the sensor is powered with private Wifi jumper closed
- install App **AMC manager Plus + on** phone
- follow all steps to register app, if you are already registered and using the amc manager plus, set the same username and password
- open the wifi manager of your phone and connect on AMC_CAM_725754 (the number is the ID of sensor, it will be different)
- **defualt password administrator**
- when is connected open App AMC manager plus +

- select first Tab named **Wifi** for connection of wifi system of your home (see fig1)
- press SSID Scan
- select your wifi home network and set the password for enter
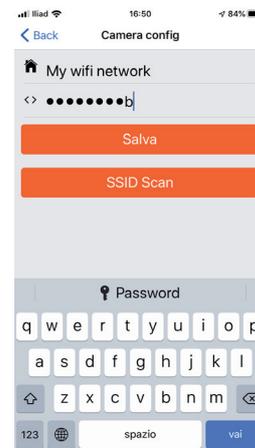- the sensor is ready for connect to your Wifi netwok

fig1

- select second Tab named **Data**
- set UID of panel, you can use QR code scanner
- username & password of cloud account of panel
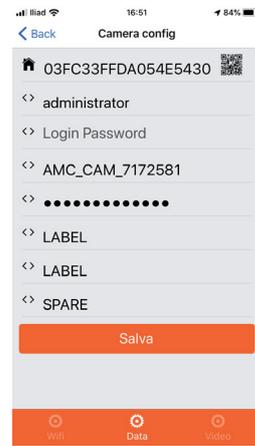- set or modify the label of sensor and password of private wifi (default administrator)

fig2

- select third Tab named **video**
- this tab is already set by our default (we consider a good default for standard work)
- anyway you can modify all parameters like you want
- brightness, contrast and resolution

    !!!!!wifi part finished!!!!

follow the final part for testing the work..............

fig3

!!!!!Final step!!!!

- remove Jumper for private Wifi and press reset button for restart sensor, in this way the sensor will connect at home WiFi
- fix the sensor in the desired position
- put the battery in the housing (Lithium 3V 2032 model)
- close the sensor shape
- verify that the sensor connetcting to your Wifi network
- make sure that all programming parameters in panel are ok
- arm panel, tring in alarm the sensor and wait the alarm PUSH on phone
- Wait 30/40 sec. for receiving the push that advising that the video is ready to see

IFV800 - AMC MANAGER PLUS +

- open App AMC manager plus+
- set your code for enter
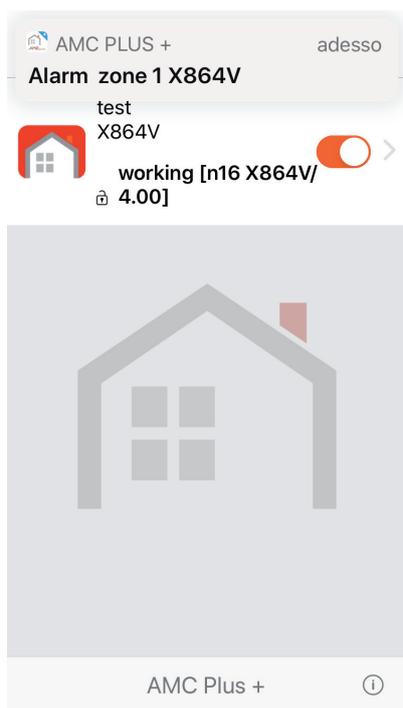- or activate biometric recognition

fig1
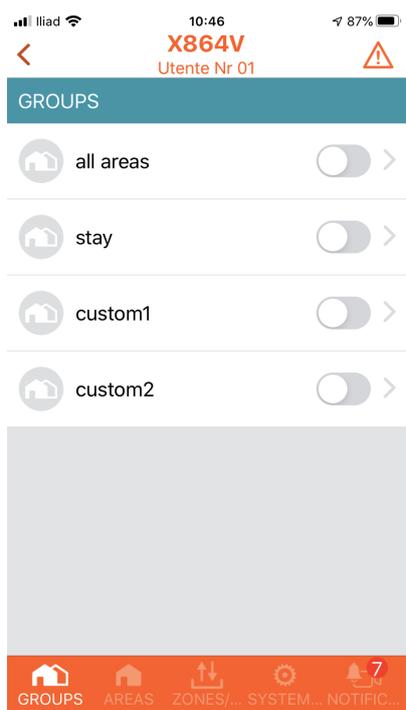

fig2

there are 5 tab for manage panel:

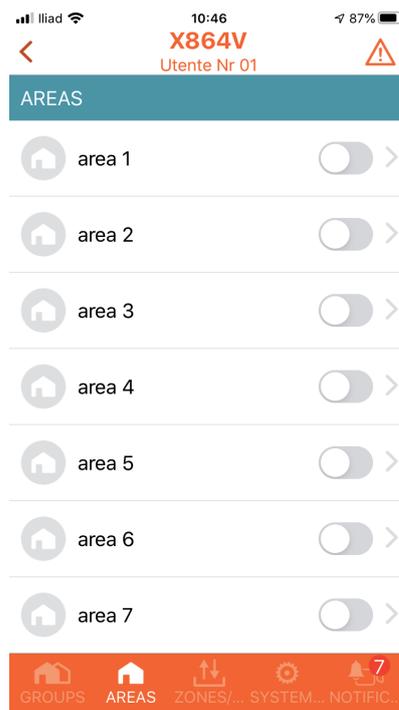**fig3**

Tab for arm and disarm group
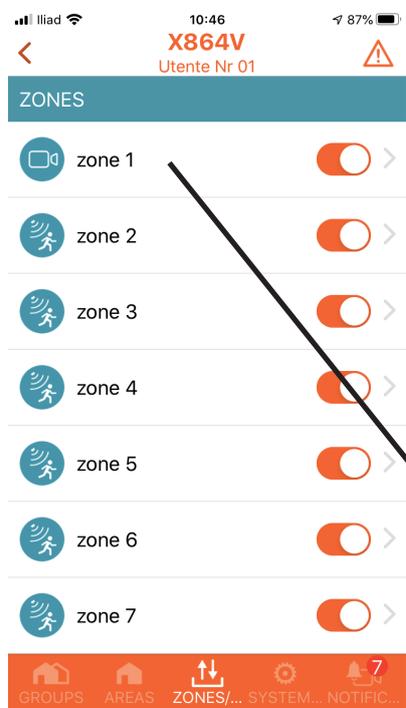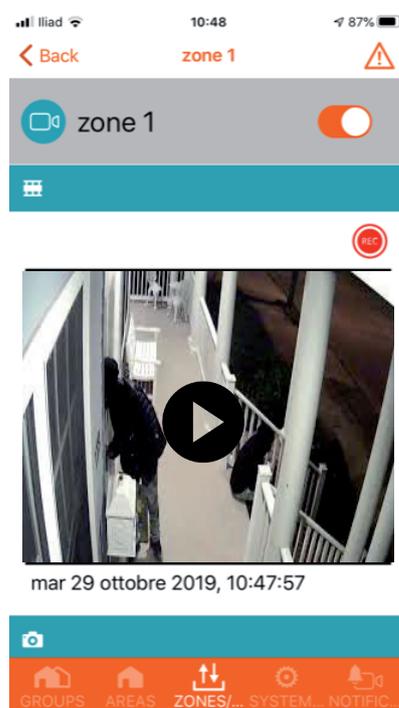

fig4

Tab for arm and disarm areas

fig6

press here for watch video

Tab for bypass zones and for select video, if you press the icon with video (fig5) you can see the videos from this zone (fig6)
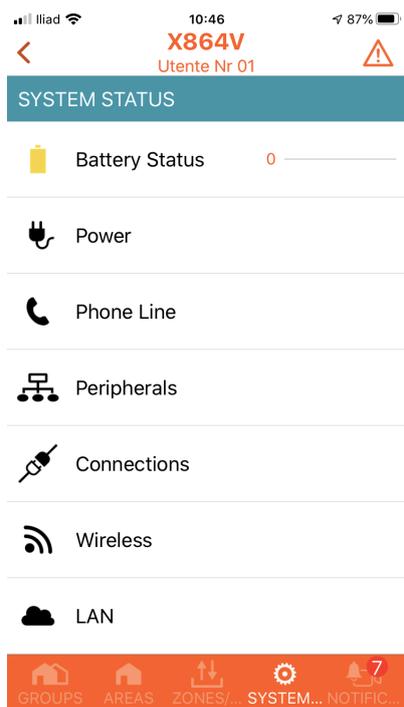
fig7

SYSTEM STATUS

- Battery Status   0
- Power
- Phone Line
- Peripherals
- Connections
- Wireless
- LAN

GROUPS   AREAS   ZONES/...   SYSTEM...   NOTIFIC...

Tab for check the status of panel

fig8

NOTIFICATIONS

Exclusion Tamper Wirel. Device IFV800 D.025
lun 28 ottobre 2019, 16:50:56

Siren Activation
lun 28 ottobre 2019, 16:46:49

Tamper Wireless Device IFV800 D.025
lun 28 ottobre 2019, 16:46:49

Siren Activation
ven 25 ottobre 2019, 08:15:09

GROUPS   AREAS   ZONES/...   SYSTEM...   NOTIFIC...

Tab for check log events

fig 9

NOTIFICATIONS

New Video Available zone 1
mar 29 ottobre 2019, 10:48:02

Siren Activation
mar 29 ottobre 2019, 10:46:53

Alarm zone 1
mar 29 ottobre 2019, 10:46:53

Exclusion Tamper Wirel. Device IFV800 D.025
lun 28 ottobre 2019, 16:50:56

Siren Activation

GROUPS   AREAS   ZONES/...   SYSTEM...   NOTIFIC...

press here for watch video

fig 10

mar 29 ottobre 2019, 10:47:57
zone 1

mer 23 ottobre 2019, 16:07:20
zone 1

mer 23 ottobre 2019, 11:21:28
zone 1

mer 23 ottobre 2019, 11:20:12
zone 1

mer 23 ottobre 2019, 11:18:21
zone 1

press here for download video

SPECIFICATIONS	data
Input Voltage	6 - 15Vcc
backup battery	Lithium 3V 2032 model
Current	Min 90mA - Max 115mA
RFI protection	30V/m
termic compesation	yes
Freq. wireless for alarm	868.3Mhz or 916.0Mhz
Pir Type	digital
digital analysis	yes
Range of Pir	12mt
Pir Lens	Fresnel 22pattern on 3 levels
Pir angle	90°
operating condition temp.	frm -10°C - +40°C
WiFi	standard 802.11 b/g/n
camera angle	120°
camera lens	2.8mm
camera sensor	1/4 inch
resolution camera	160x120 - 320x240 - 352x288 - 640x480 - 1024x768
frame pre-post alarm	16
infrared light	yes
walk test led	yes
tamper and back tamper	yes
pulse counter	yes
bracket	yes
shape	ABS

MANUFATURER

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