



YOUR SECURITY CHOICE

# MANAGER IP BOARD



# WHAT TO DO ON THE PANEL

## MENU TCP/IP

### IP ADDRESSES

With this parameter it is possible to set IP address for IP Board:

First enable IP board from peripheric menu.

select DHCP to 1 for automatic setting, wait few minutes after exit from menu. In case doesn't work:

- set 0 and set static IP and other parameter of network

**IP address:** eg. 192.168.000.008

**Subnet mask:** 255.255.255.000

**Gateway:** 192.168.001.001

**DNS1:** 008.008.008.008

**DNS2:** 208.067.000.000

For complete all parameter it is important to know the network parameters where the IP is connected.

Set the free static address for ip board, complete all parameters.

Exit from menu and wait few minutes. When the IP is connected must be see:

green led = steady (IP enable on peripheric)

orange led = blink machine running (when the led is steady or in OFF the machine nor run)

1° red led = off cloud connected (turn ON disconnected)

2° red led = off internet connected (turn ON disconnected)

little red = lan speed (OFF=10 ON = 100MB)

**NOTE: when the system is in DHCP is important to know that the router assign IP to the machine (in some case is necessary wait few minutes, or set the roueter to do this).**

### CLOUD PARAMETERS

**DON'T MODIFY THIS FIELD** this is the cloud address

### ACCOUNT

I this menu are all parameter that used for registartion to the cloud. ( for APP)

**username:**it used for name ID, the same name must be inserted to the APP during to the registration panel

**password:** password, the same password must be inserted to the APP during to the registration panel

**UID CODE:** this code is most important because is the unique identification code of panel. Must be inserted to the APP with all number and characters **IDENTICAL.**

**NOTE:it is possible have the same password and username with different UID in the same APP (main house, beach house etc.)**

### ENABLE NOTIFIC.

With this parameter it is possible to enable and disable smart notification in phone APP when it closed.

**ALARM:** when the system trig in alarm it is possible receive notification on smartphone (even when the application is closed)

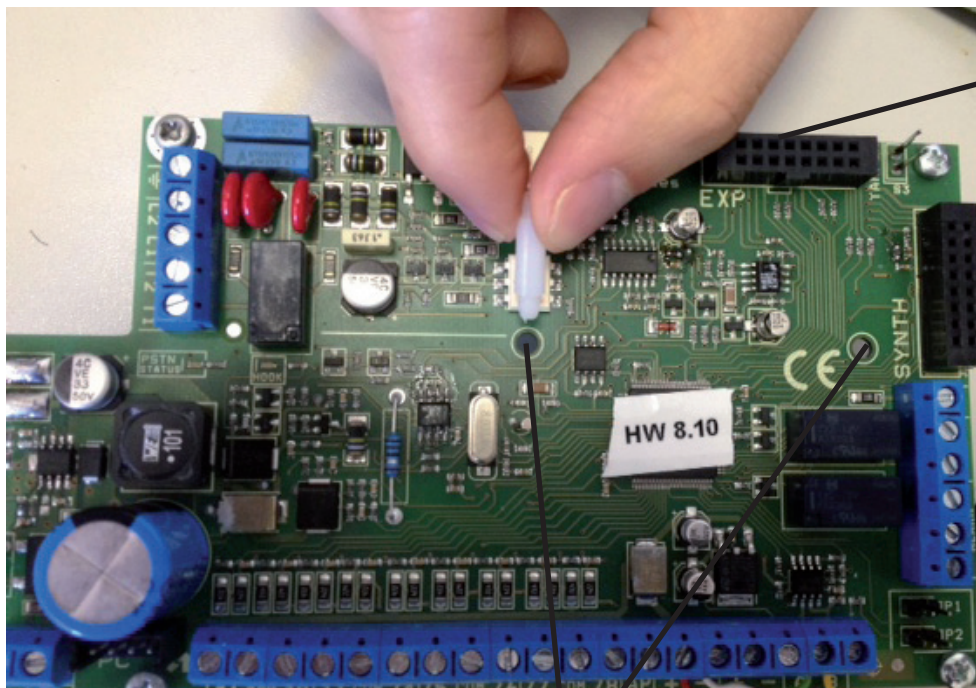
**USERS:** when is enabled every action by all user are sent by notification APP (even when the application is closed)

**ARMING:**When is enabled every arm and disarm for each program are sent by notification (even when the application is closed)

For enable notification turn from 0 to 1 every single voice:

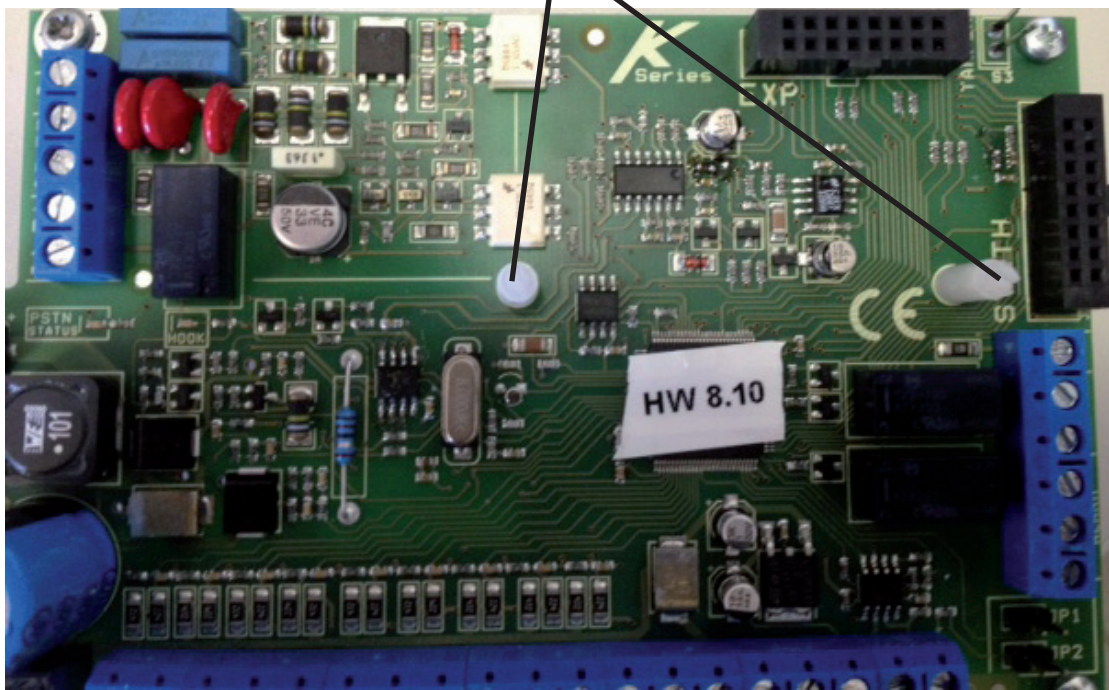
**eg. ALARM = 1 (ENABLED) ALARM=0 (DISABLED)**

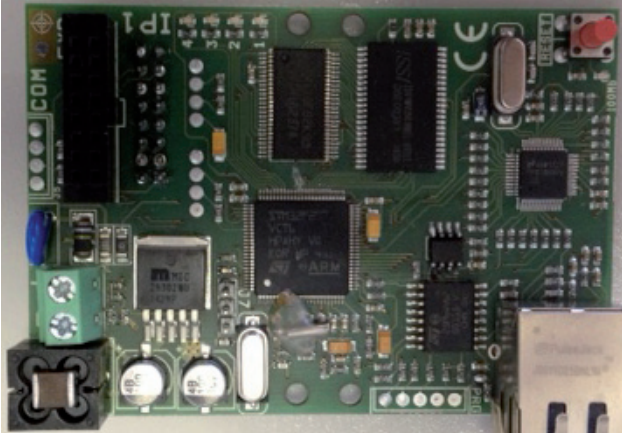
# INSTALLATION ON PANEL



socket for ip board

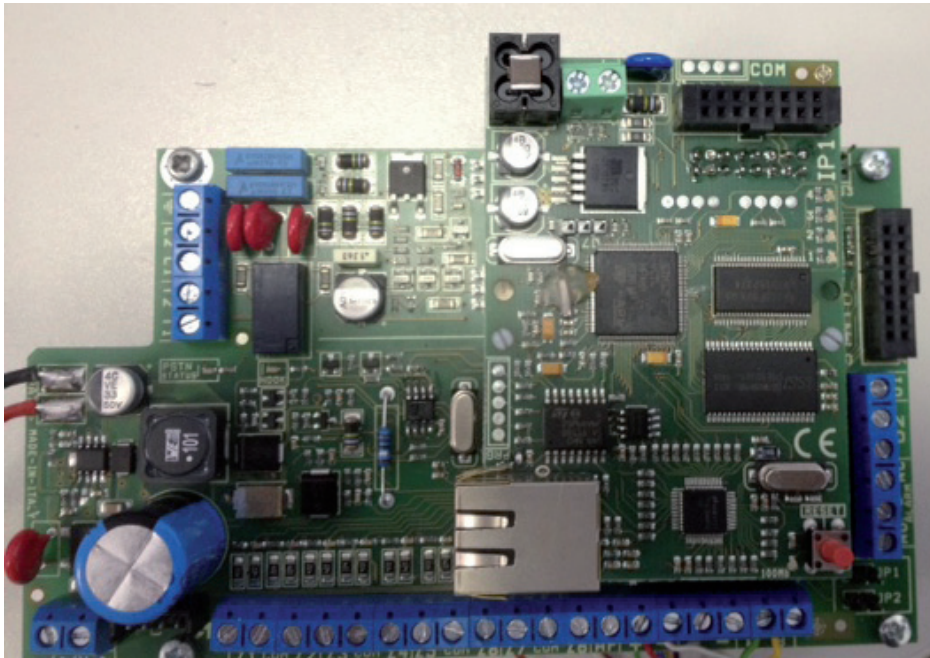
board fixing pins





**ip board**

**Panel with ip board**



# WHAT TO DO ON THE APP

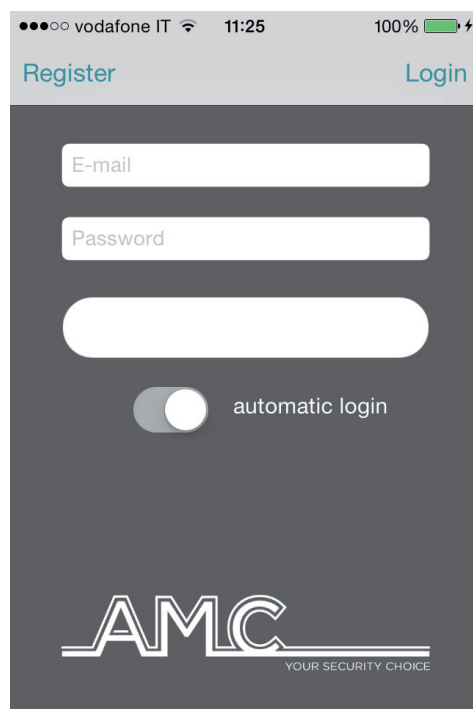
## AMC AMANAGER APP

AMC MANAGER is an application for smrtphone that allow end user to manage many parameters of panel:

- arm and disarm all partitions of panel
- bypass all programmed zones
- turn ON and OFF all programmed output
- monitoring system status
  - back up battery
  - main power
  - all type of Tamper
  - gsm signal
  - PSTN line status
  - peripheral status
  - connection cables
  - wireless trouble
- Log events

## REGISTER APP

After download APP is necessary to register it.



Complete all field:

**EMAIL:** that you can receive directly to the mobile

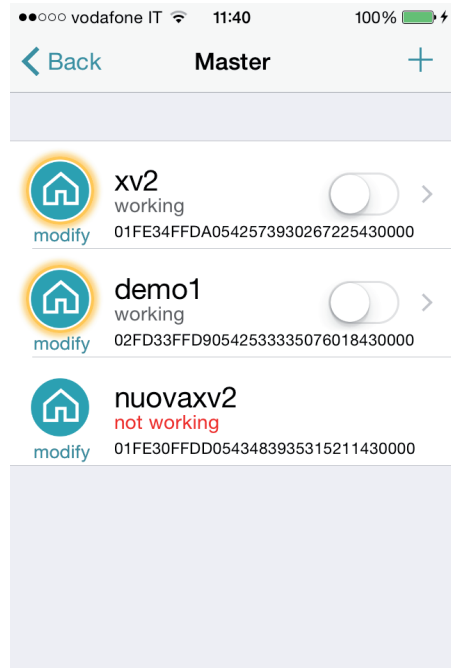
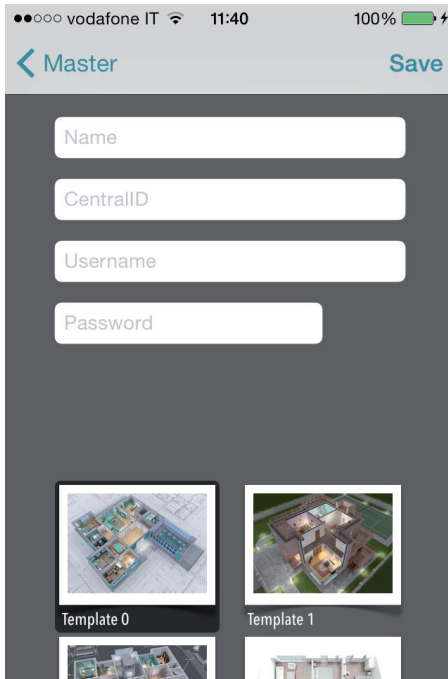
**Password:** create a password for register

After these operations press login and wait email from Cloud AMC, when the mail arrived press CONFIRM button to confirmation registration.

**Important: if don't receive mail check in junk mail, if don't work the confirmation button DON'T USE google mail important with Android: when you push confirm button must be open the APP, if this do not happen, go in application management, find browser application and delete default preference. Open again mail message and confirm with button.**

## ADD PANEL TO THE APP

After registration the app open the section where is possible ADD panels, press + to add panel.



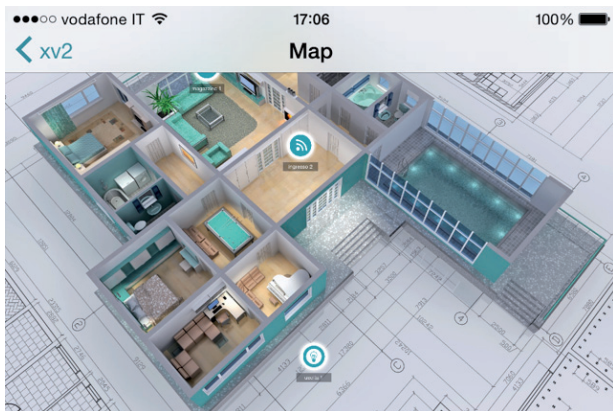
Name is that the installation eg. main Home.

ID: is the UID CODE that you found in the menu ACCOUNT of TCP IP in the panel

USERNAME and PASSWORD: are be the same that found in ACCOUNT menu in the panel

It is possible select a template for map, or use a custom image, or take a photo from internal camera.

After this it is possible to manage panel ( in pic it is possible to see 3 panel in the same APP)



In figure it is possible to see the map when the phone is in landscape (horizontal). It is possible to add and set in right position the zone and the output. Select the photo for each zone and outs.

The app show when the zone is:

ready: green circle

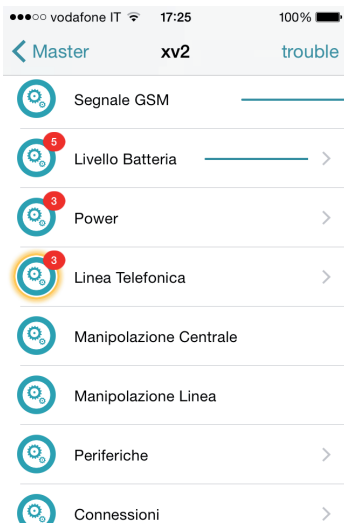
open: orange circle

alarm: red circle

it is possible check and move programmed outs.

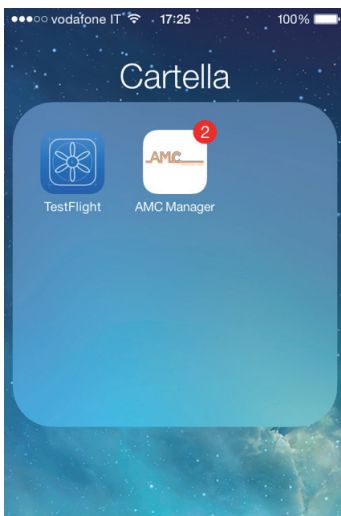


## TROUBLES AND STATUS INFO



In figure it is possible to see the status of panel:

- back up battery
- main power
- all type of Tamper
- gsm signal
- PSTN line status
- peripheral status
- connection cables
- wireless trouble



In case of alarm it is possible receive notification with push technology (save battery life) In figure it is possible to see events and notification.

## SPECIFICATIONS IP BOARD

SPECIFICATIONS	ip board
<b>Power supply:</b>	5-13,8Vcc
<b>Current:</b>	163mA @ 12V
<b>MPU:</b>	ARM® Cortex™-M3
<b>RAM:</b>	512KB
<b>ROM1:</b>	8MB
<b>ROM2:</b>	64KB
<b>SYS:</b>	RTOS v7.2
<b>LAN:</b>	10/100 BASE TX IEEE 802.1x Full Duplex
<b>PROTOCOL:</b>	Base: TCP/IP Encrypt: TLS/SSL Data: AMC Protocol V1.0 for system serie C-X-K
<b>LED:</b>	GREEN ON = OK "comunication to system ok". GREEN BLINKING = FAIL "no comunication to system" (Enable IP expansion on menu) YELLOW BLINKING = system running. RED 1 BLINKING = FAIL to connect to cloud server. "wait to connetting" RED2 BLINKING = Cable not connect;
<b>BUTTON:</b>	RESET = ONLY LAN BOARD
<b>JP1-JP2:</b>	<b>NORMAL RUNING.</b> JP1: 1-2 close JP1: 1-2 close
<b>JP1-JP2:</b>	<b>FIRMWARE UPDATE.</b> JP1: 2-3 close JP1: 2-3 close
<b>COM:</b>	DAPTER: COM-S,COM-USB (only for FIRMWARE UPDATE).

