

QUICK GUIDE FOR APP "UDVGUARD" (ANDROID DEVICES)

This guide describes the settings and the main features related to the "UDVGuard" app required to receive audio / video calls from the AgoràIP IPV11AGL or IPV12AGL door station using Smartphone or Tablet devices based on Android operating system.

The "UDVGuard" app is free of charge and it can be downloaded from Google Play (Play Store) .

1. Preliminary notes:

This application allows to manage up to 4 AgoràIP door stations within the same LAN. The display mode is different using a Smart Phone (in this case only one door station can be displayed at a time) or by Tablet (in this case 4 door stations can be displayed at the same time).

Once the program is installed, it must run in system background to receive the calls from AgoràIP door station. In case of an incoming call the program will open automatically a window asking confirmation to accept the call or not and showing the video from the camera.

If the call is accepted it will be possible to receive the bi directional audio (even in hands free mode), moreover both the relay controls will be available.

The "UDVGuard" app supports even the connection to AgoràIP door station set in P2P mode or in SIP server mode.

Notes:

- In case of P2P operation, it is strongly suggested to set WiFi connection of the Smart Phone or Tablet with a Static IP address. To set network, access mobile device's "Setting" menu and then select "Wi-Fi" (Pict.1). Select the Wi-Fi network among those detected, input the WiFi password and check the box "Show advanced option" to fill in all the required fields:

IP setting: select this option to "Static"

IP Address: IP address to assign to the smart phone

Gateway: gateway's IP address (router)

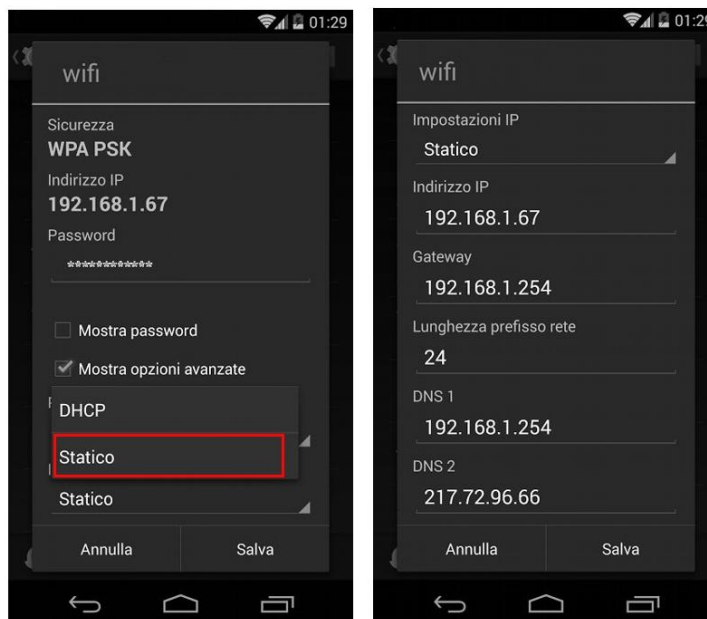
Maschera di rete: usually 255.255.255.0

DNS1: primary DNS address, usually provided by the ISP

DNS2: secondary DNS address, usually provided by the ISP.

To know these data it is possible to check, for example, the configuration of a PC installed into the same LAN, keeping in consideration that each device connected to the network must have its own IP address and the first 3 numbers of the IP addresses must be the same for all the devices (for example, router: **192.168.1.1**; PC **192.168.1.2**; Smart Phone **192.168.1.3...**).

- The following picture shows an example of the Wi-Fi setting window for an Android based Smart Phone.



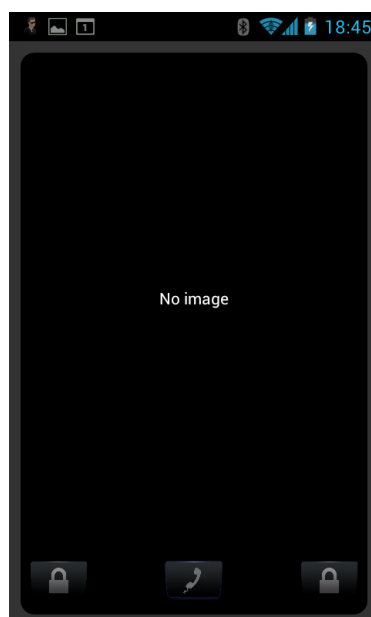
Pict.1 Wi-Fi Network configuration with static IP address.

- In case it is required to use the "SIP Server" mode it is suggested to use a software based PBX such as 3CX or hardware based as Fritz!Box by AVM.

2. The main window:

The app's main window is showed in Pict.2 and appears once the program is open. If the app is installed in a Smart Phone the window can display the video signal coming from a door station a time, if more than one door station is available within the network, right and left arrows will appear on the side of the video display area, allowing to select the door stations. While, in case the app is installed on a Tablet, the display area will be split into 4 parts allowing to view the pictures coming from all the door stations at the same time.

On the bottom part of the window there are buttons to open audio communication and relay's control (Relay 1 and Relay 2).

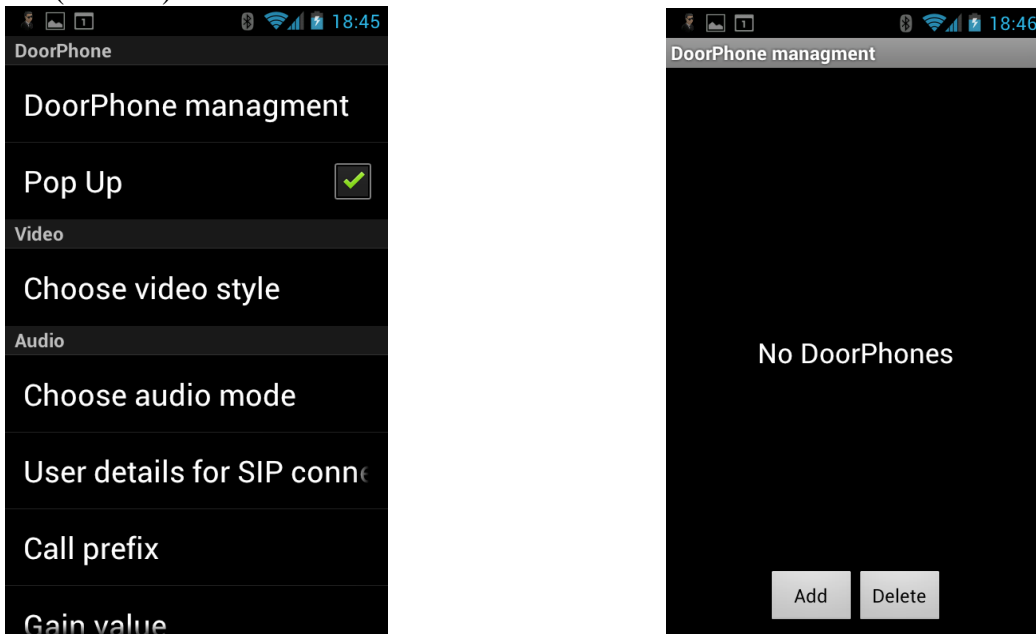


Pict. 2 Program's main window.

3. The setting window:

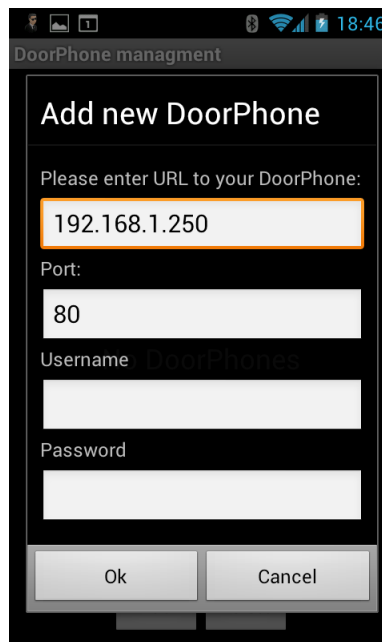
Select device's "Menu"¹ button and choose the option "Setting" to display the configuration menu as showed below (Pict.3a).

Select the option "Door Station Management" to display the door stations' list, which will be empty the first time (Pict. 3b).



Pict.3a-b configuration menu and door stations' list.

Select the "Add" button to add a door station to the list. The following window will appear:



Pict.4 Door station's connection data.

On the first field input the door station's IP address and on the second one the related port for video transmission (usually 80).

¹ The "Menu" button is specific to each device.

If on the AgoràIP web page the option "Protect Video by Password" has been set (as showed on the section 4), it will be required to input also the access parameters (user name and password).

To enable further door stations, up to 4, select the "Add" button once again and input the related connection data.

Exiting from the configuration menu, it will be possible to receive the pictures from the door station.

Assign the Smart Phone/Tablet's IP address to the call button of the AgoràIP (set in "**P2P**" mode) and then the device will ring once a the call button is pressed and bi directional audio will be also available.

Vice versa, in case of AgoràIP door station set in "**SIP Server**" mode, it will be required to set also the options "**Choose Audio mode**" and "**User Details for SIP connection**" described below.

In this case, it is required to preliminary create an extension number on the SIP server PABX to be assigned to the PC station.

Then assign the SIP extension number of the mobile device to the AgoràIP call button ("Memory numbers" window on the web configuration page).

Note:

- In case of a system with multiple door stations on the same network, it is not allowed to mix up different working modes (P2P and SIP server).

For more details regarding the AgoràIP door station's configuration, please refer to the complete installation manual available on the web site http://www.acifarfisa.it/farfisa_ip_way/index_en.html on "Download" section.

To receive the call from the door station, the program must run in mobile phone's background. To completely close the app, select "Menu" and then "Exit".

The other options of the configuration menu are the following:

- **PopUp**: enable the PopUp feature which open the program automatically in case of incoming call.
- **Choose Video Style**: it allows to choose among various resizing modes for the video coming from the camera.
- **Choose Audio mode**: allows to select between "P2P" mode or "SIP Server" mode. The selection must be done according the doors station's configuration.
- **User Details for SIP connection**: in case of "SIP Server" mode Pict.5 shows the fields to fill in to register the device in the SIP PBX.

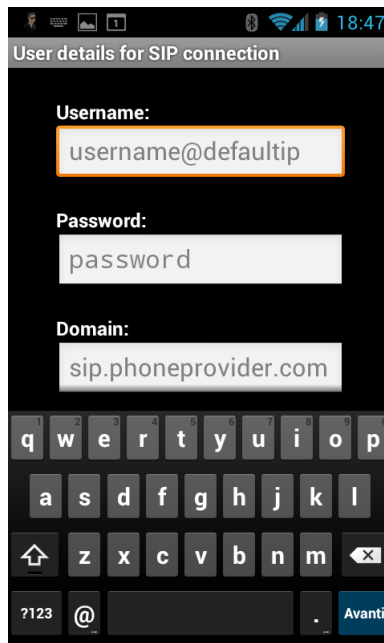


Fig.5 SIP parameters to register the device in the SIP PBX.

In the field "Username" must be input the extension number to assign the mobile device and related password (which have been created previously into the SIP PBX), while in the field "Domain" input the PBX's IP address.

- **Call prefix:** call prefix, if required by the SIP PBX (for example in case of Fritz!Box input here "***").
- **Gain value:** audio volume adjustment.
- **Echo cancellation:** enable or disable the function for echo cancellation on the device.
- **Echo canceller calibration:** enable the procedure to automatically calibrate the echo cancellation.
- **Stun server:** network configuration required by some VoIP provider.
- **Enable Outbound proxy:** enable the Outbound Proxy, in case there is a proxy or if it is required by the VoIP provider.
- **Proxy Server:** Outbound Proxy Server address.

4. Access to a door station protected by password:

Video signal coming from the door station is not protected by default. To enable password request to display video signal, select the option "Protect Video by password" in the configuration web page.

This choice will require also to fill in the login fields "User name" and "Password" in the window "Setting" → "Door Phone Management" of "UDVGuard" program.

Click on "Protect video by password" option and then "Save and restart" button

Day mode

Menu:

- Network setting
- Basic parameters
- SIP parameters
- Setting audio
- Setting video
- Relays
- Time parameters
- Memory numbers
- User interface
- Service
- Video
- Help

Language:

english

User interface:

Video on start page:

Protect video by password:

Only web browser will be able to display video

Video surveillance (H.264):

Push video:

Web interface tcp port:


Enable telnet:

The default access parameters to be set on "User Name" and "Password" fields of setting window are:

User name: **admin**

Password: **1234**

Notes:

- It is recommended to change the default access password of the door station. To change the access password, access the configuration page and select the section "Services" and set the new password on the field "Service password".
- Some features or performances described in this guide could not be available on some Smart Phones or Tablet models.
- Android, Google Play (Play Store)  are trademarks of Google Inc.