

UDVGuard

Control application for DoorPhones

Version: 1.1
Language: English
Date: 2012/12/03
www.alphatech.cz

Introduction:

The UDVGard is designed for operating system iOS 6.0 or higher.

After installation of the UDVGard software on your device via AppStore, the software detects if it runs on a mobile phone or on a tablet.

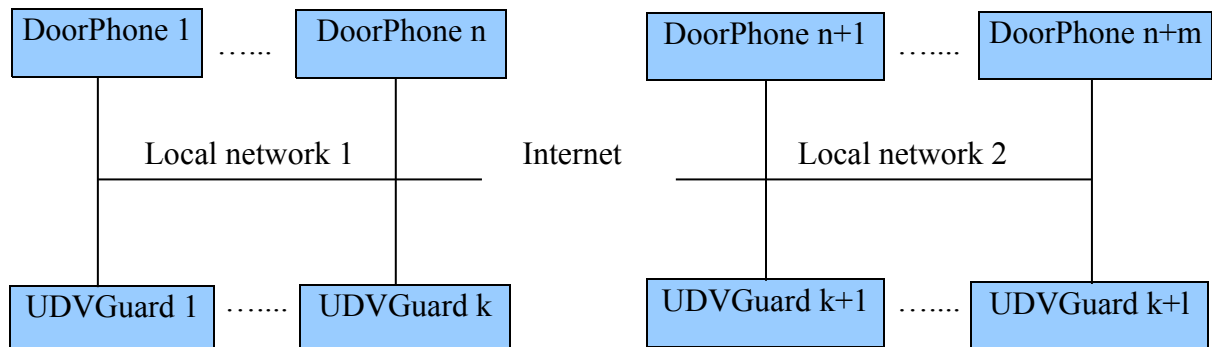
Based on the detection result, the software arranges its user interface.

The types of user interfaces:

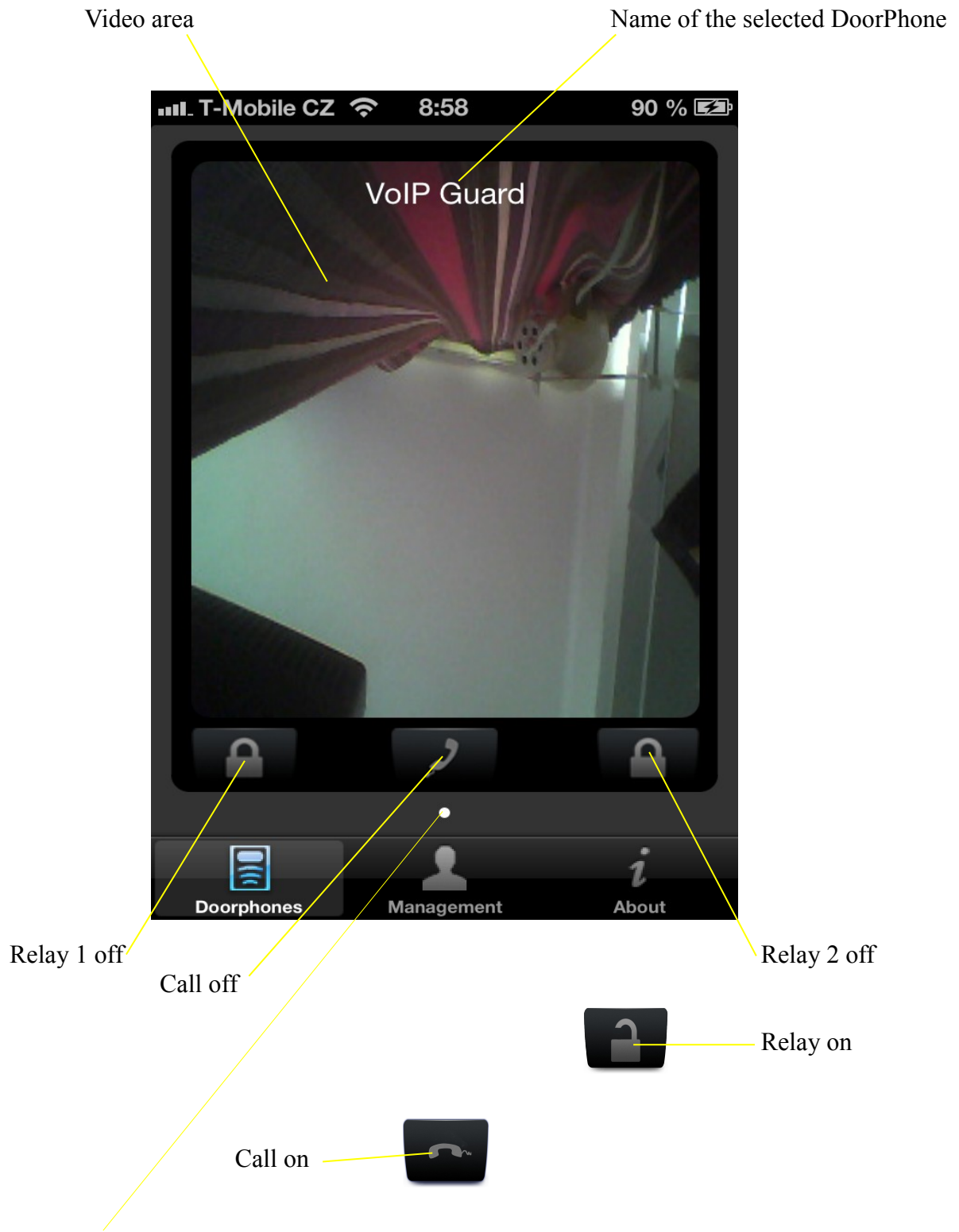
- iPhone
- iPad

The UDVGard can manage unlimited number of DoorPhones via local computer network or via internet.

Unlimited number of the UDVGard applications can run simultaneously on one net.

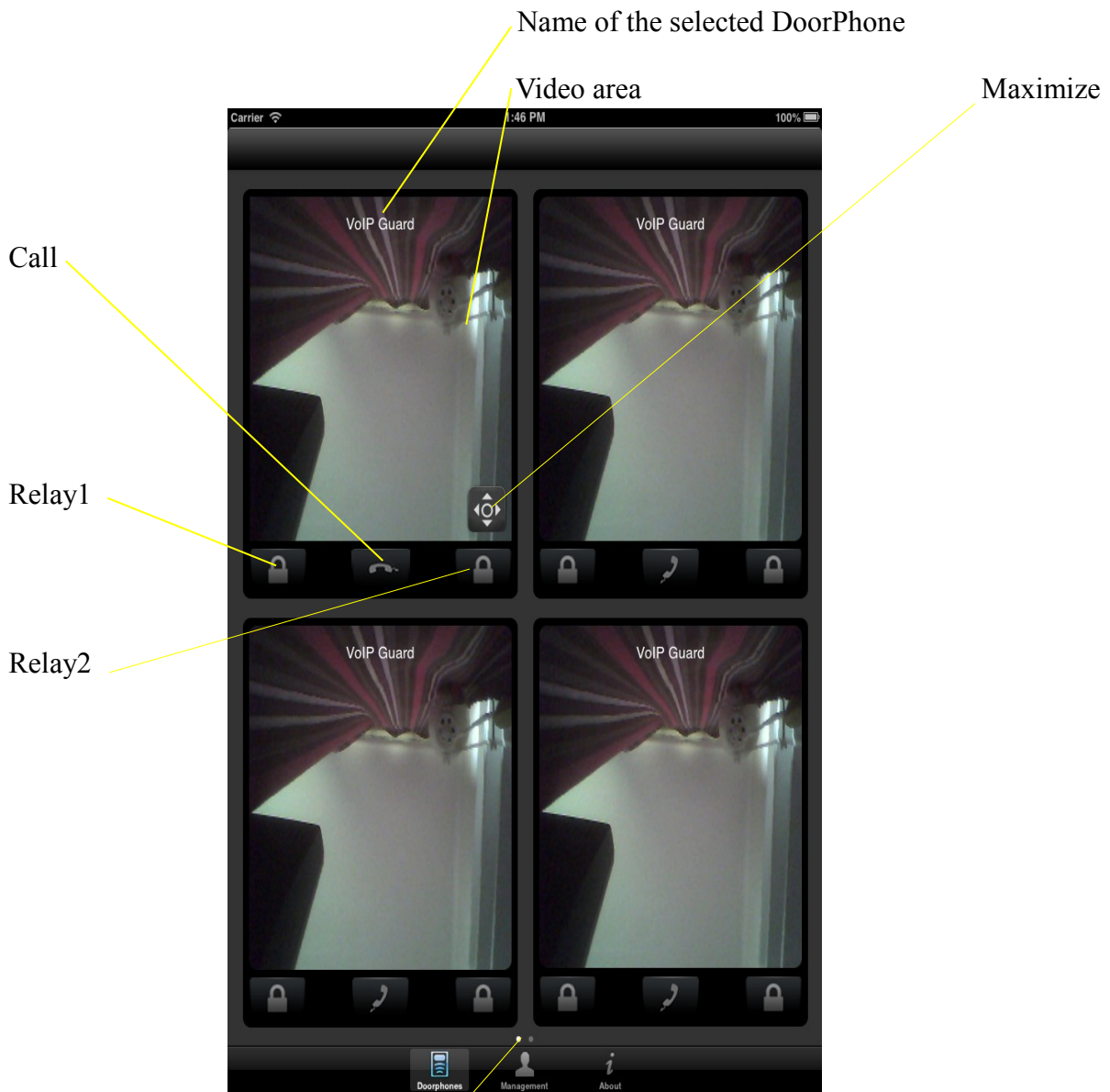


The iPhone interface:



Select visible DoorPhone if more DoorPhones are inserted

The iPad interface:



Select visible DoorPhone if more than four DoorPhones are inserted

The menu Settings:

The user needs to open the Menu of UDVGard by clicking on „Home – Settings - UDVGard”. See hardware manual of the target device.

SIP account

User name 100

Password ●●●●●

Domain 192.168.1.101

Call Prefix

Network

Stun server

Proxy

Outbound proxy

Comment:

user name to register on SIP server

password to register on SIP server

SIP server IP adress

call prefix – a.g. Fritz!Box need
prefix „**“ to call

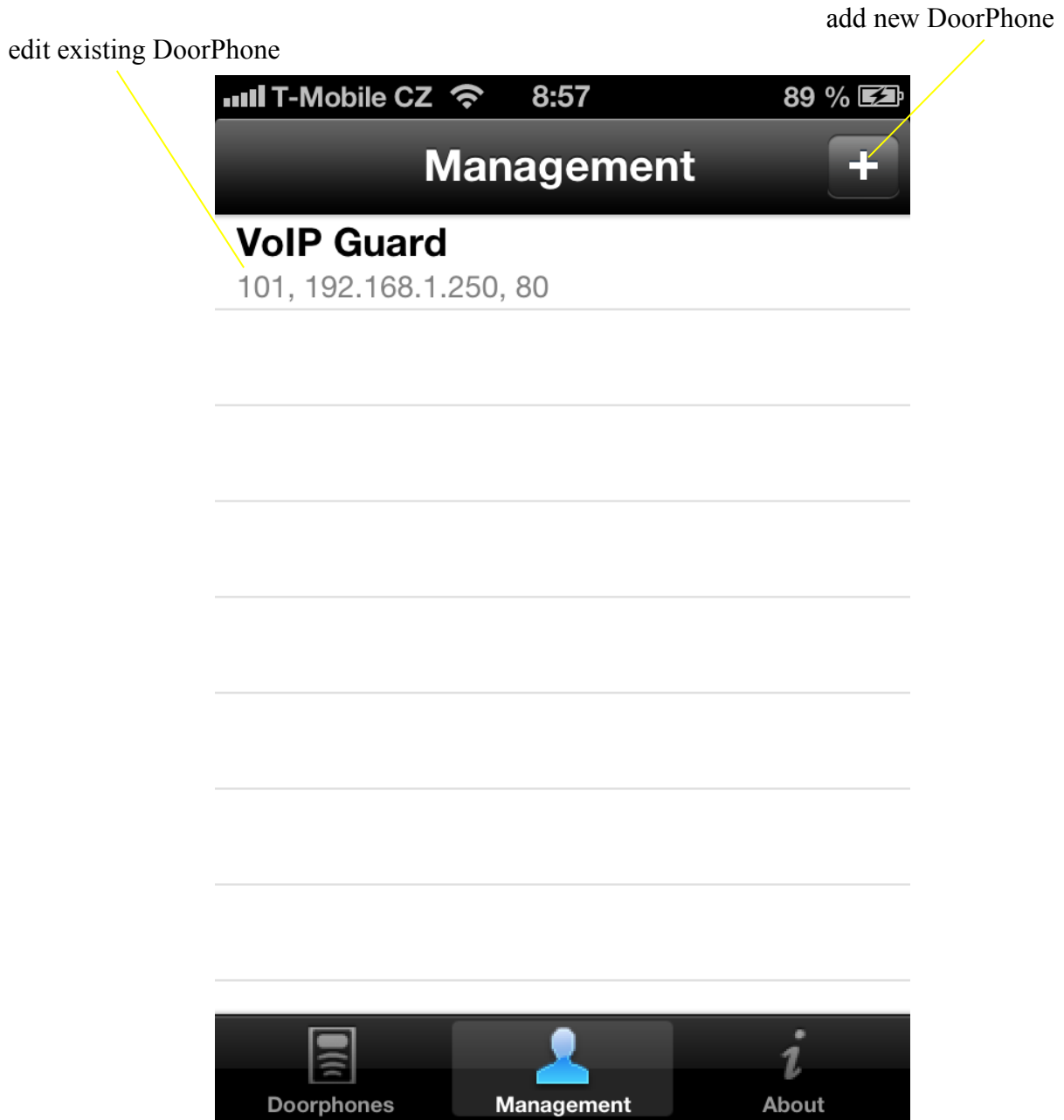
special network setting

special network setting

special function

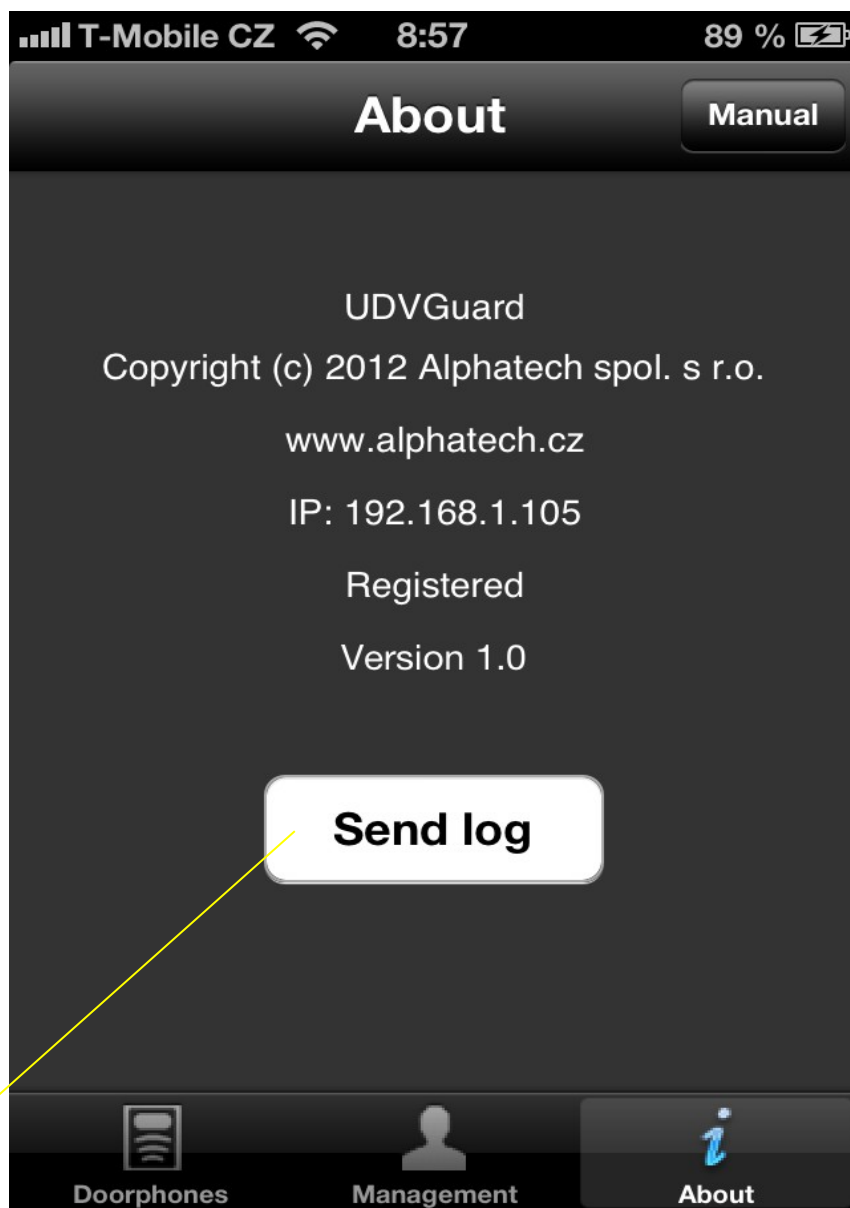
The menu Management:

The user can manage list of used DoorPhones:



The menu About:

The user can see important information about local IP adress, SIP status, version, ...



The button to send log file to analyze if any bug occurs

Access to DoorPhone protected by password:

Activate protected access in DoorPhone web interface

The firmware of DoorPhone must be 1.73 or higher !!!

The screenshot shows the 'Admin services' section of the DoorPhone web interface. On the left is a 'Menu' with links to various settings like Network, SIP, and Video. Below the menu is a 'Language' dropdown set to 'english' and a 'Set' button. The main area contains the following settings:

- VoIP version:** 1.73
- UDV version:** 6.1
- Download log file:** A button.
- start enhanced log:** A button.
- Show call log:** A button.
- Show VoIP log:** A button.
- Time server:** A text input field, a dropdown menu set to 'GMT+1', and a 'save' button.
- Syslog server:** A text input field and a 'save' button.
- Firmware upgrade:** A text input field, a 'browse' button, and a 'save' button.
- Upload language:** A label.

Check settings "Protect video by password" and click on "save and restart"

The screenshot shows the 'User interface' section of the DoorPhone web interface. On the left is a 'Menu' with links to various settings like Network, SIP, and Video. Below the menu is a 'Language' dropdown set to 'english' and a 'Set' button. The main area contains the following settings:

- Video on start page:**
- Protect video by password:** (An arrow from the text above points to this checkbox)
- Only web browser will be able to display video:** A red text label.
- Video surveillance (H.264):**
- Push video:**
- Web interface tcp port:** A text input field containing '80'.
- Enable telnet:**

At the bottom of the page are two buttons: 'default values' and 'save and restart'.

Activate protected access in UDVGuard Settings

1. Click Menu – Settings -DoorPhone management
2. Inset new DoorPhone – button „Add“
3. Fill URL, Port
4. Fill Username – default „admin“
5. Fill Password – default „1234“

Change Password in DoorPhone web interface:

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

Admin services:

VoIP version: 1.73 UDV version: 6.1

[Download log file](#)

[Show call log](#)

[Show VoIP log](#)

Time server:

GMT+1

Syslog server:

Firmware upgrade:

Upload language:

Save configuration:

Upload configuration:

Service password:

Retype password:

Change setting “Service password” and click “save” and then click “restart”

Configure Fritz!Box as SIP server:

(demo FRITZ!Box Fon WLAN 7270 www.fritzbox.com)

Create SIP server account on FritzBox via Wizzard:

The screenshot shows the Fritz!Box 7270 web interface. The top navigation bar includes the Fritz! logo and the title 'FRITZ!Box 7270'. Below the navigation bar are links for 'Set password', 'Expert Mode: Expert', 'Contents', and 'Help'. On the left side, there is a sidebar menu with categories: 'Overview', 'Internet', 'Telephony', and 'Home Network'. Under 'Telephony', 'Telephony Devices' is selected. The main content area is titled 'Telephony Devices' and has two tabs: 'Overview' and 'Fixed line'. Below the tabs, there is a text box stating: 'On this page you can configure and edit the telephones, answering machines and fax machines connected to the FRITZ!Box.' Below this text is a table with the following data:

Name	Connect via	Number Outgoing	Incoming	Internal	
Fon 1	FON 1	-	All	**1	
Fon 2	FON 2	-	All	**2	

At the bottom of the table area, there are three buttons: 'Print List', 'Configure New Device', and 'Help'. An arrow points from the text 'Click on „Configure New Device“' to the 'Configure New Device' button.

Click on „Configure New Device“

The screenshot shows the 'Configure Telephony Device' wizard in the Fritz!Box 7270 web interface. The title bar reads 'Configure Telephony Device'. The main content area asks: 'What kind of telephony device would you like to configure?'. It is divided into two sections:

- Connected to the FRITZ!Box**
You can connect various telephony devices to your FRITZ!Box: Telephones, answering machines, PBXs and fax machines.
 - Telephone (with or without answering machine)
 - Answering Machine
 - ISDN PBX
 - Fax machine
- Integrated in the FRITZ!Box**
Without having to connect a separate device, you may configure here up to five different answering machines and the fax reception.
 - Fax reception
 - Answering Machine

At the bottom right, there are two buttons: 'Next >' and 'Cancel'. An arrow points from the text 'Select „Telephone“ and click „Next“' to the 'Next >' button.

Select „Telephone“ and click „Next“



FRITZ!Box 7270

⚠ Set password 📄 Expert Mode: Expert 📄 Contents ? Help

Connecting a Telephone

1. Connect the telephone to a free FON socket on the FRITZ!Box or keep your cordless (DECT) telephone ready.
2. Select the interface to which you connected the telephone.

LAN/WLAN (IP telephone) ▾

3. Enter a name for the telephone, for example "living room" or "Anna's phone":

Name:

< Back

Next >

Cancel

Select LAN/WAN(IP telephone)

Enter Name a.g.UDVPanel



FRITZ!Box 7270

⚠ Set password 📄 Expert Mode: Expert 📄 Contents ? Help

Settings in the IP telephone

1. Note the following registration data to register your IP telephone after configuration at the FRITZ!Box.
2. Enter the user name and the registrar displayed here and a password you specify.

Registrar fritz.box

User Name 620

Password

< Back

Next >

Cancel

Enter Password a.g. „620“



FRITZ!Box 7270

⚠ Set password 📄 Expert Mode: Expert 📄 Contents ? Help

Configuring a Telephone for Outgoing Calls

1. Select which number should be used to conduct the calls.

▾

< Back

Next >

Cancel

Click „Next“ only



FRITZ!Box 7270

⚠ Set password 🔄 Expert Mode: Expert 🗄 Contents ? Help

Telephone Settings for Incoming Calls

Specify whether the telephone should accept all calls or only react to certain telephone numbers.

- react to all numbers
- react only to the following numbers
- 600 (number for outgoing calls)

< Back Next > Cancel

Select „react to all numbers“



FRITZ!Box 7270

⚠ Set password 🔄 Expert Mode: Expert 🗄 Contents ? Help

Apply Settings

The telephony device is being configured with the following settings.

Telephone device	Telephone
Name	UDVPanel
connected to	LAN/WLAN
Number for outgoing calls	600 (Internet)
Numbers for incoming calls	all incoming calls

Note: Configure all connected telephony devices in the FRITZ!Box. Calls can only be accepted at configured devices.

< Back Finish Cancel

Click Finish



FRITZ!Box 7270

⚠ Set password 🔄 Expert Mode: Expert 🗄 Contents ? Help

Overview

Internet

Telephony

- Calls
- Telephone Book
- Alarm
- Call Diversion
- Dialing Rules
- Telephone Devices
- Internet Telephony
- Regional Options

Home Network

- WLAN
- DECT
- System

Wizards

Configuration, Updates, Telephones

Telephone Devices

Overview Fixed line

On this page you can configure and edit the telephones, answering machines and fax machines connected to the FRITZ!Box.

Name	Connect via	Number Outgoing	Incoming	Internal		
Fon 1	FON 1	-	All	**1		
Fon 2	FON 2	-	All	**2		
UDVPanel	LAN/WLAN	600	All	**620		

Print List Configure New Device Help

New SIP account created success. Now we can register to this SIP server

Register DoorPhone (IPDP) on FritzBox SIP server:

The IP of FritzBox

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

SIP parameters:

SIP proxy server	Address:	<input type="text" value="192.168.178.1"/>
	Port:	<input type="text" value="5060"/>
SIP registrar server	Address:	<input type="text"/>
	Port:	<input type="text" value="5060"/>
Outbound proxy	Address:	<input type="text"/>
	Port:	<input type="text" value="5060"/>
Account module	Name:	<input type="text" value="621"/>
	Password:	<input type="text" value="621"/>
	Auth. Id:	<input type="text"/>
	Expiration [sec]:	<input type="text" value="600"/>

Registration successful

Use (180 Ringing):

Use (183 Session progress):

Enable Simmetric RTP:

New account created on FritzBox SIP server

Register UDVGard on FritzBox SIP server:

The registration process is the same as another SIP server. Only the FritzBox require to set item „Call prefix“ to „**“.

Appendix:

If the user needs to use a SIP server, we recommend 3CX software based IP PBX, www.3cx.com, or as hardware Fritz!Box made by AVM www.fritzbox.com.