



wantec Monolith C IP

Set-up with a PEAKnx touch panel and YOUVI

Created for use with the following products	Compatible door station
Controlpro, Controlmini, Controlmicro, YOUVI	wantec Monolith C IP

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Introduction

The following instructions explain how to set up an wantec Monolith C IP door station with your PEAKnx touch panel. The communication between the touch panel and the door station is realized via SIP. Therefore, please make sure that both devices are part of the same network and that YOUVI has Internet access.

1. Fritzbox Configuration

1.1. Setting up the Controlmini/-pro in the Fritzbox

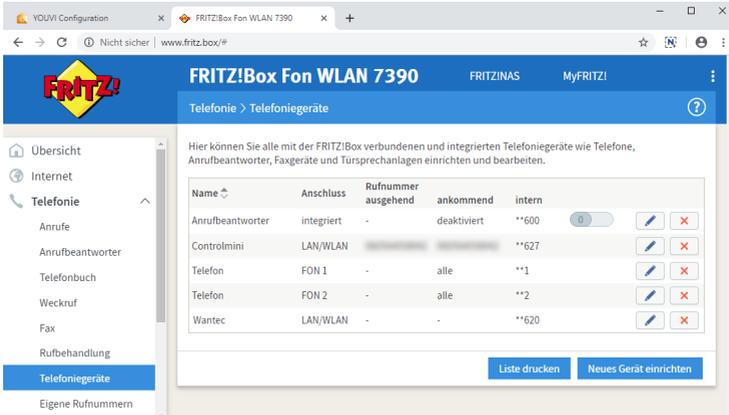
1. Open the browser, enter „fritz.box“ into the address bar and log in to your Fritzbox.
2. Navigate to *Telephony* -> *Telephony Devices*.
3. Go to „Configure new device“, select the option „Telephone“ in the next step and go to „Next“.
4. Select „LAN/WLAN (IP telephone)“, assign a meaningful name, e.g. „Controlmini“ and select „Next“.
 - Enter the username and password for the Controlmini and note them for later use. Be sure to give a secure password. This means it should not be the same as the user name nor too short or too easy to guess. We recommend that you use an automatically generated random password.
5. Confirm the assigned phone number and select „Next“.
6. Select „Accept calls for the following numbers only“ and „Next“.
7. You will get an overview, which you can confirm with „Apply“. Press any button on the Fritzbox to confirm the input for the router.

1.2. Setting up the wantec door intercom in the Fritzbox

8. Under *Telephony* > *Telephony Devices*, go to „Configure new device“ again and in the next step select the option „Door Intercom System“ and „Next“.
9. The connection is made via „LAN/WLAN (IP door intercom)“.
10. Assign a meaningful name for the door intercom and press „Next“.
11. Enter a username and password for the door intercom and note them down.
 - Be sure to give a secure password. This means it should not be the same as the user name nor too short or too easy to guess. We recommend that you use an automatically generated random password.
12. For „Route doorbells to“, select „Controlmini“ from the drop-down list and go to „Next“.
 - If this option does not appear in the selection menu, you can also select „tele-

phone number“ and enter the phone number „** xxx“ of the Controlmini in the Fritzbox. In this example, that would be the „** 627“.

13. You will get an overview, which you can confirm with „Apply“.



2. Setting up the wantec door intercom

1. Connect the wantec device to a PoE-enabled switch on your network.
2. To be able to set up the Monolith C IP, you must enter its IP address into your browser. It is also specified in the instructions of the door station, e.g.: 192.168.1.250.
 - At fritz.box under *Overview->Home network*, the active clients/devices are displayed. Here you will also find the IP address of the door intercom. Enter it in the browser to reach the configuration page of the door station.
 - Depending on the configuration of your network, at least the fourth digit sequence of the IP address should match those of the instructions.

Heimnetz aktiv: 3

● PC-192-168-188-3	WLAN - 2,4 GHz
● PC-192-168-188-250	LAN
● PC-192-168-188-35	LAN

3. Enter the displayed IP address in the browser to configure the wantec door station.
4. The camera stream is displayed. Scroll down and click „Setup“.
5. The default user name is: „admin“, the password is „1234“.

6. You can set the languages at the top right corner of the page.
7. Under *Network Setting*->*SIP parameters*, under „SIP mode:“, select „SIP server“.
8. Under „Account“ and „Password“, enter the authentication name and the password which you have assigned for the wantec door station in the Fritzbox.
 - You can also find your login data and registrar (Registration server) under *fritz.box*-> *Telephony devices*, if you edit the created door intercom system and switch to the „Login data“ tab.
9. The status should now show „Registration successful“.

← → ↻ Nicht sicher | 192.168.188.250/sip

wantec WANTEC MONOLITH IP

Current status

Network setting

Network

SIP parameters

Web server

Basic settings

Extended settings

Service

Video camera

SIP parameters

SIP mode: SIP server ▼

Display name: IP DoorPhone

SIP User Agent:

Account: Wantec4321

Auth. id:

Password:

Send register:

Registration server: 192.168.188.1

Port: 5060

Expiration [sec]: 600

Registerate after restart:

SIP server:

Port: 5060

Outbound proxy:

Port: 5060

SIP Transport: TCP & UDP ▼

Provisional code: 180 Ringing ▼

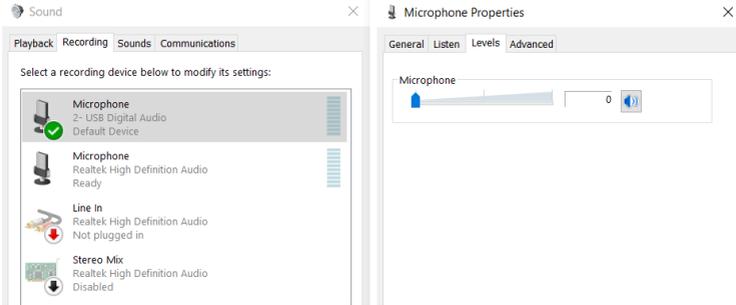
Enable Symmetric RTP:

Registration successful

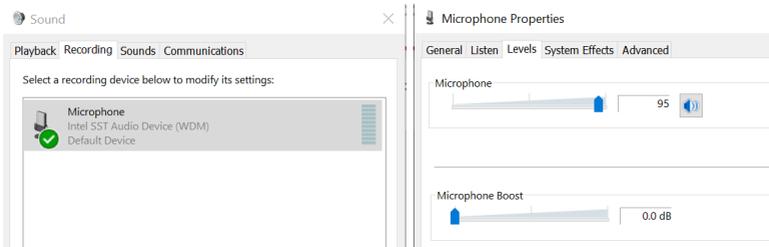
10. To control the door opener, you can edit the opening DTMF code and time of the opening interval [sec] under *Basic Settings*-> *Relay*.
 - This means, if you set the „55“ as opening code and want to open the door after accepting a call from the door intercom, simply press „55“ on the Bria Solo Free number field.
11. To use the door station with the **Controlpro (2nd Gen. = article numbers PNX-002-A19-00027/28/29)** set the microphone level of the Controlpro to 0.
 - To do this, right-click or long-press the loudspeaker icon in the taskbar and select „Sounds“.

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- In the „Recording“ tab, select the first microphone.
- In the following menu, you can set the microphone level in the „Levels“ tab.



12. To use the door station with the Controlmini, check that the microphone volume is set to 95 as shown in the picture. Therefore, proceed in the same way as for the Controlpro.



3. Setting up the YOUVI camera module (with Bria Solo Free)

Notes on the camera stream

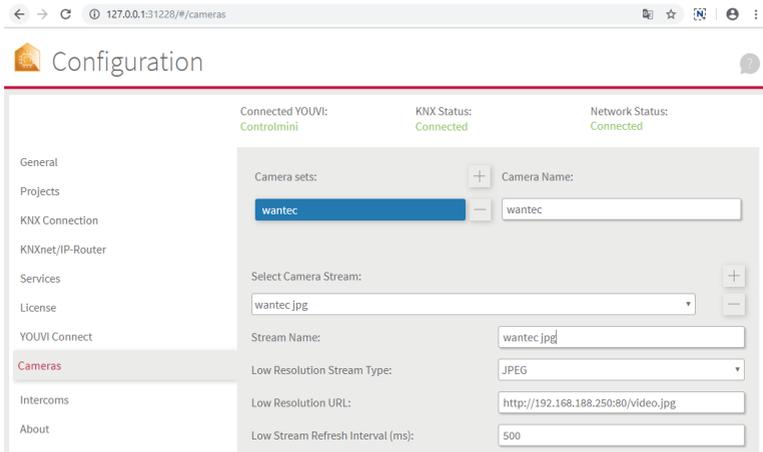
On the configuration page of the door station, under *Extended settings*->*Video*, you will find various settings for entering the resolution and frame rate. Please keep in mind that high frame rates and resolutions will additionally burden your network.

To make use of the wantec door station's camera, it needs to be added and set up within YOUVI Configuration.

1. To add the camera module open *YOUVI Dashboard* on the panel and select *Install Camera Device*. If you do not have a full license yet, you can purchase it in the PEAKnx Shop.
2. Switch to *YOUVI Dashboard* -> *Camera Device* OR open the configuration page on

your PC in your browser, making sure that the system running the browser is on the same network as the PEAKnx touch panel. To do this, enter the following URL in your browser:

- `http://x.x.x.x:31228`
- Where x.x.x.x must be replaced by the local IP address of your PEAKnx touch panel. This is displayed in the lower part of the YOUVI Dashboard App.
- From the menu on the left, select “Cameras”.



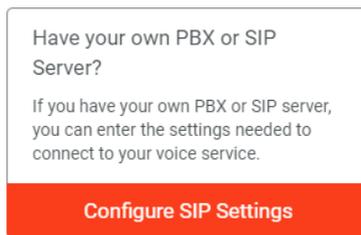
3. Use the „+“ symbol to add a new camera set.
4. Click the „+“-Symbol next to “Select Camera Stream” to create a new camera stream.
5. For the “Stream Name”, enter an appropriate name of your preference.
6. Change the „Stream Type“ to „JPEG“.
7. Enter the link of the camera stream from your door station under „Low Resolution URL“ as well as under „High Resolution URL“.
 - This link consists of the IP address of the door station (port= 80) and „/video.jpg“, for example: `http://192.168.188.250:80/video.jpg`
8. Enter 500 ms for the refresh interval.
9. Click “Save” to register the settings with your PEAKnx touch panel.
10. Within the PEAKnx touch panel, switch back to YOUVI Visu
11. In order to ensure that the visualization is automatically activated when the system is rebooted, open the YOUVI Visu settings under *Auto start* and activate this feature.
12. Now switch on the Edit Mode and switch to the Dashboard.
13. Select the „Webcam“ button to select a Camera created in YOUVI Configuration.

VoiP-Software Bria Solo Free

To use „Voice over IP“ on the touch panel, you need a running instance of Bria Solo Free. This VoiP software appears when a call from the door station is made and pops up, even with the visualization running. So you can see the camera image and answer the call at the same time.

Note: This software can only be used on one device. If you want to connect several panels, either the paid version or another software is required.

14. On the panel, go to <https://www.counterpath.com/plan-select-solo/>.
15. Tap on „Continue with Bria Solo“
16. To use the software, you must first create an account.
17. VoIP will then be set up. Select „Configure SIP Settings“.



18. For the „Domain“ enter the IP address of your Fritzbox and for „SIP Username“ and „Password“ enter the user name and password which you have assigned for the Controlmini in the Fritzbox/SIP server.

Configure a Voice Account

Enter the general account information for your initial voice account. You can add up to four more voice accounts from the Voice Accounts page later.

DOMAIN	192.168.188.1	PORT	Auto
SIP USERNAME/CALL EX.	Controlmini	AUTHORIZATION USERN.	optional
SIP/VOICE PASSWORD	CALL DISPLAY	

So far...

- You chose to configure a PBX/ SIP server for your voice service.

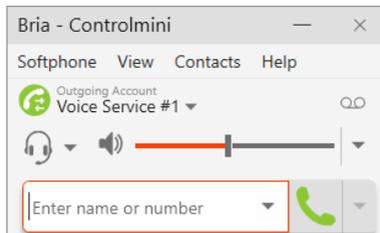
Next Step
Configure Service Settings

Next Steps...

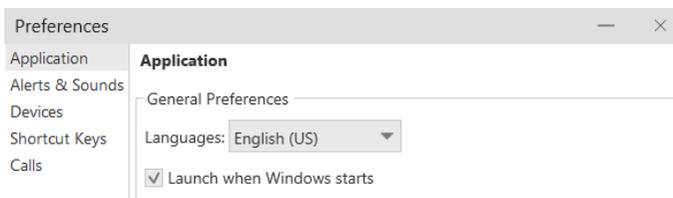
- Download a Bria client app
- Start

- Your login data can also be found under *fritz.box* -> *Telephony devices*, if you edit the created Controlmini (IP telephone) and switch to the „Login data“ tab. The IP address of the fritzbox is the same as „Registrar“.

19. You can make further settings under „Service Settings“. Select „Next Step“.
20. Select the download for Windows and install the software on the Controlmini/-pro.
21. Open the software and log in. Allow access to the device.
22. The green handset indicates that the phone has successfully registered with your Fritzbox.



23. You can change the registration data of the SIP server at any time after the installation on the following page: <https://solo.softphone.com/dashboard/voice>.
24. To ensure that the Bria Solo Free App starts automatically when the system is rebooted, open the settings under *Softphone*->*Preferences* and check „Launch when Windows starts“.



25. To test the correctness of these settings, press the bell on your wantec door station. After a few seconds, your PEAKnx touch panel should display an incoming call notification.

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- 26.** Test the volume of the loudspeakers and microphone of the door station. If you expect there to be high background noise, you can adjust the volume of the door station's speakers accordingly under *Advanced Settings*-> *Audio*.

4. Technical Support

If you experience problems with your Controlmini or Controlpro please contact our PEAKnx Support Team:

- Mail: support@peaknx.com
- Create a Support Ticket: https://support.peaknx.com/?lang=en_US
- Tel.: +49-6151-279 1825

About PEAKnx

As a manufacturer of innovative hardware and software components, PEAKnx develops products for future-proof building automation. For example, individual front-end panels including visualization, which make all information of an intelligent building available at a central point. Great importance is attached to the longevity of the products and the qualitative interaction of design and functionality.

As the newest division of the PEAK group headquartered in Darmstadt, Germany, PEAKnx can draw from more than 25 years of experience in hardware and software development. Through a broad network of certified partners, PEAKnx also offers the associated services - from consulting to the installation and implementation of automation projects. The goal is to make home and building automation comfortable, cost-saving and future-proof through innovative solutions.

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