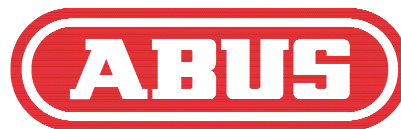


# ABUS Security Center

Technical Information



Security Tech Germany

## ABUS-SERVER.com

Instructions manual for DynDNS service

*By Technischer Support*

*Address*

---

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# 1. Account



## 1.1 Account set-up

Open our page: [www.abus-server.com](http://www.abus-server.com)

Enter a user name (max. 8 characters – no special characters) and indicate your e-mail address, accept the terms of use, when you have read them and click on “Register”.

**Bei ABUS-Server anmelden**

Melden Sie sich jetzt bei ABUS-Server an, um kostenlos einen DDNS Dienst zu Ihren ABUS IP basierten Sicherheitsgeräten zu erhalten.

Benutzername	E-Mail Adresse	E-Mail Adresse wiederholen
<input type="text" value="Test"/>	<input type="text" value="abustest0000@googlemail.com"/>	<input type="text" value="abustest0000@googlemail.com"/>

☒ Ja, ich habe die Nutzungsbedingungen gelesen und akzeptiere diese vollständig.




You will receive an e-mail with a confirmation link and a password for your account. Execute the confirmation link, in order to activate your account.

Willkommen test,

Sie können Ihr Konto mit Hilfe des Hyperlinks und dem temporären Passwort aktivieren.

Ihr Passwort lautet: C7pkQi3E

Bitte aktivieren Sie Ihr Konto, indem Sie auf folgenden Link klicken:

<https://www.abus-server.com/confirmation/zDpkzsLgu9ciBjzMfKry> 

Wenn Sie den Link nicht klicken können, oder er auf eine Fehlerseite leitet, kopieren Sie den Link bitte manuell und fügen Sie ihn in die Adressleiste Ihres Browsers ein.

Hinweis: Bitte ersetzen Sie dieses Standardpasswort nach Ihrem ersten Login. Ein gutes und sicheres Passwort besteht idealerweise aus 10 Zeichen und enthält Klein- und Großbuchstaben, Zahlen und Sonderzeichen.

ABUS Security-Center GmbH & Co. KG

# 1. Account




Login with the user and the sent password.

**Login**

Hier können Sie sich mit Ihren Zugangsdaten einloggen.

Benutzername

Passwort

[Passwort vergessen?](#)  

## Note:



If you forgot your Password, you will receive a new one to your e-mail address when you click the button "Forgotten password". For this you have to indicate your user name.

## Passwort vergessen?



Bitte geben Sie Ihren Benutzernamen ein! Wir werden Ihnen dann eine E-Mail mit den weiteren Schritten zur Passwortwiederherstellung zusenden.

Benutzername

# 1. Account



## 1.2 Account editing

In order to edit your account, click on the button „*Edit account*“.

Welcome test [ Sign out ]

Edit account

Here you can change your e-mail address as well as the language you would like to apply.

As well you can delete your account with your devices from our data base when you click on the button “*Delete account*”.

In order to change your password click on the button „*Click here to change your password*“.

A screenshot of the "Edit account" form. At the top, it says "Edit your account data here." Below this, there's a header "test" with a close button. The form has two main sections: "E-mail address:" with a text input field containing "abustest0000@googlemail.com", and "Language:" with a dropdown menu set to "English". Below these is a link "Click here to change your password" with a red arrow pointing to it. At the bottom, there are three buttons: "Cancel", "Delete account" (with a red X icon), and "Save" (with a blue checkmark icon).

Now you can determine your individual password. This one must consist of at least 6 characters.

With a click on the button “*Save*” you can save your changes.

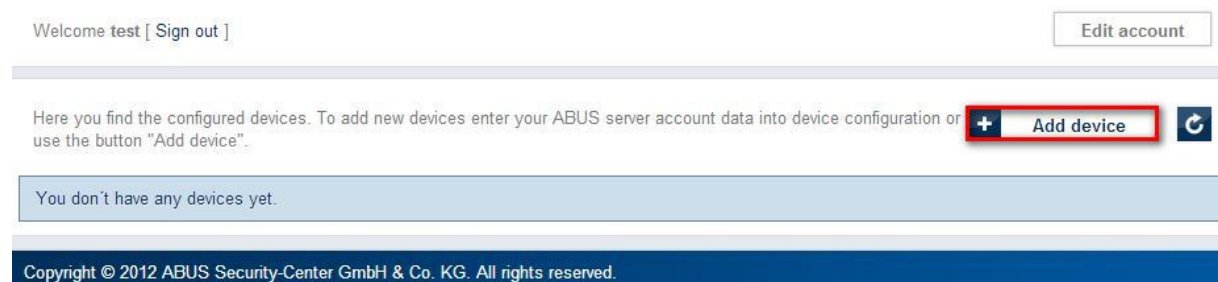
A second screenshot of the "Edit account" form, showing the password fields. It has the same header and email/language section as the first screenshot. Below those, there are two new text input fields: "New password" and "New password confirmation". The "Delete account" and "Save" buttons remain at the bottom.

## 2. Recorder

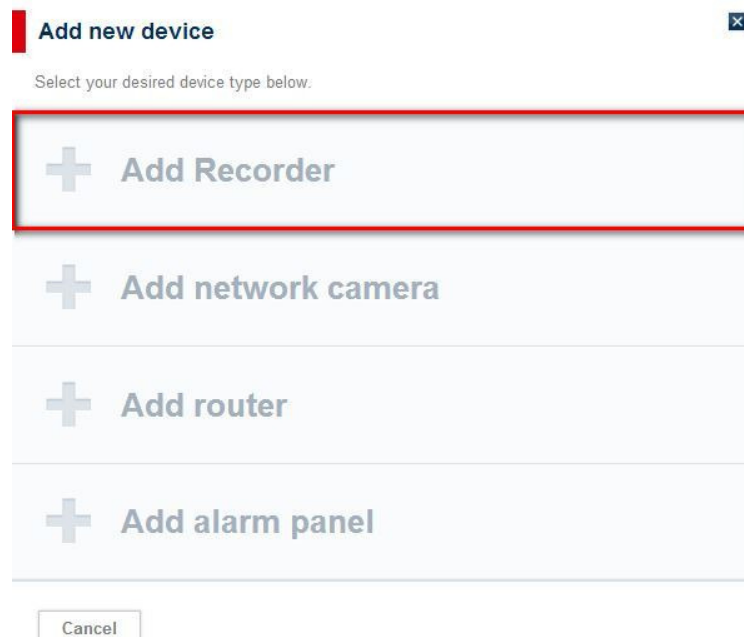


### 2.1 To add recorder

In order to add a recorder click on the button *"Add device"*.



Now click on the button *"Add Recorder"*.



## 2. Recorder



Now you have to specify the data of your recorder:

Device name	your user-defined name of your recorder (max. 1-17 char.)
Device type	Select your recorder in the drop-down menu
MAC address	Register the MAC address of your device (You will find the MAC address in the network settings of your device)
Login data	Your user name and password of the recorder (Standard: „admin“ : “12345“)

**Add new device** ✕

Enter device data below.

Device name: <input type="text" value="TestRecorder"/>	Device type: <input type="text" value="TVHD80000"/> ▼
MAC address: <input type="text" value="ABCDEF123456"/>	

testrecorder.u12626.ns.abus-server.com will become the hostname for this device.

Your Domain

For a better ABUS-products experience, you can insert the devices credentials here. Our iOS and Android-Apps will be able to use them and configure your settings. We transfer these credentials encrypted only.

Device username <input type="text" value="admin"/>	Device password <input type="text" value="12345"/>
---	---

## 2. Recorder



### Note:

Please do not fill in the fields HTTP port, RTSP port, DVR port and IP address. These are completed by your recorder itself.

#### Device information



All device informations are listed below.

Device added successfully

#### TestRecorder

Device type:	TVHD80000
Hostname:	testrecorder.u12626.ns.abus-server.com
HTTP(s)-port:	empty
RTSP-port:	empty
DVR-port:	empty
MAC address:	ab:ce:df:12:34:56
IP address:	empty
Last updated:	not yet

Close



Edit device



## 2. Recorder



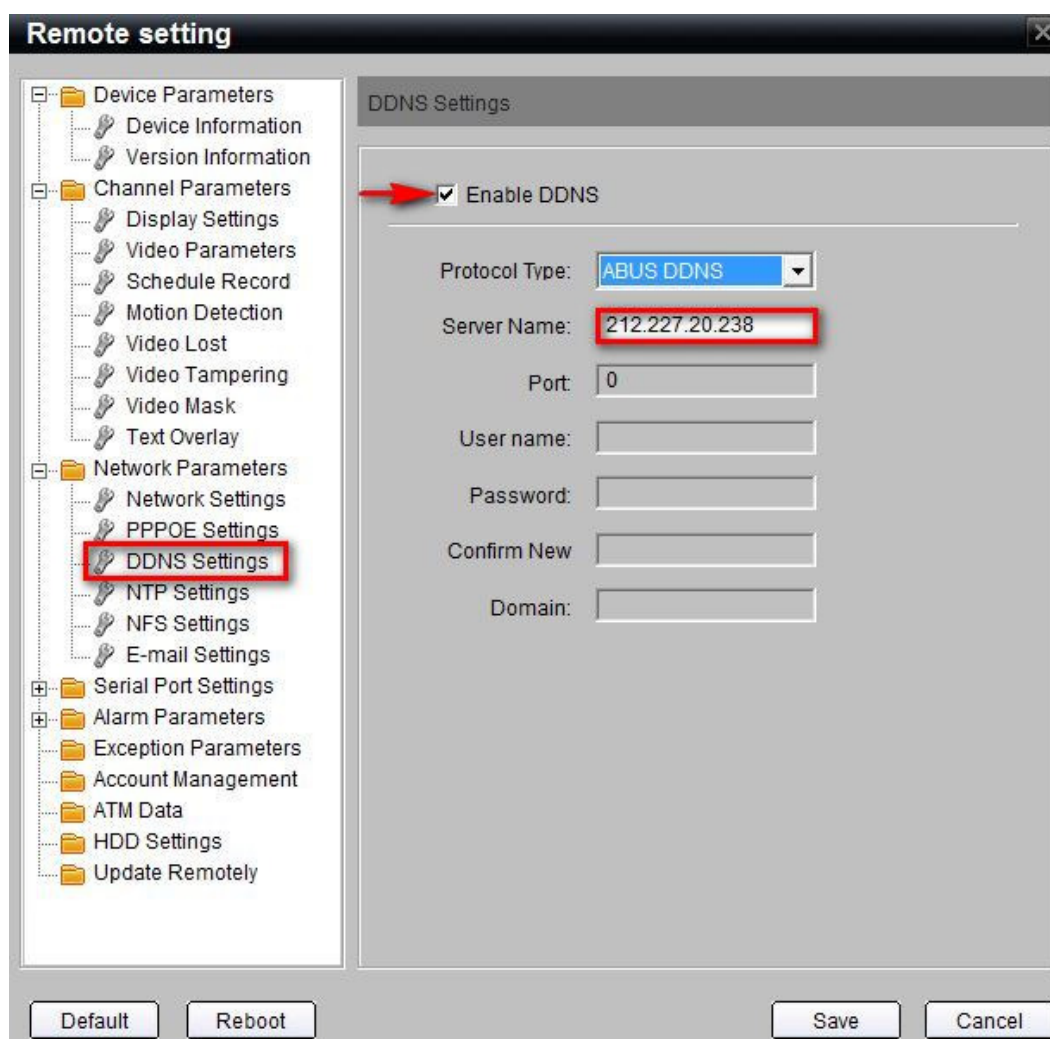
### 2.2 Recorder settings

Go to the network settings of your recorder. Among the DDNS settings "Activate DDNS", select ABUS-DDNS and enter the following IP or domain:

IP-Adresse: 212.227.20.238

Domain: abus-server.com

### Excmple CMS menu navigation



## 2. Recorder



### 2.3 Router settings

In Order to have external access to your recorder, you need the following port forwarding in your router.

<i>HTTP-Port</i>	<i>80</i>	<i>(standard)</i>
<i>DVR-Port</i>	<i>8000</i>	<i>(standard)</i>
<i>RTSP-Port</i>	<i>554</i>	<i>(standard)</i>

For the configuration of the port forwarding you can visit the following website:

[http://portforward.com/english/routers/port\\_forwarding/routerindex.htm](http://portforward.com/english/routers/port_forwarding/routerindex.htm)

You will find a list of almost all routers and the specific configuration steps for the port forwarding.

## 2. Recorder



### 2.4 Port-Scan

After finishing the steps 1-3 you need to scan the ports, so the system can detect these as open. Therefore you need to click on the recorder entry.

Device name:		Device type:	Hostname:	Last updated:	HTTP(s)-port:	RTSP-port:	DVR-port:	
TestRecorder	●	TVHD80000	testrecorder.u12626.ns.abus-serv...	26.05.14 12:34	80 ✖	554 ✖	8000 ✖	

Now click on the Button „Start port-scan“.

**Device information**

All device informations are listed below.

<b>TestRecorder</b>		<b>Connect</b>
Device type:	TVHD80000	
Hostname:	testrecorder.u12626.ns.abus-server.com	
HTTP(s)-port:	80 ✖	
RTSP-port:	554 ✖	
DVR-port:	8000 ✖	
MAC address:	ab:ce:df:12:34:56	
IP address:	213.84.123.48	
Last updated:	recently	

**Close** **Start port-scan** **Edit device**

After a successful scan the ports will be added with a snag and the dot will be green. („Device online“)

Device name:		Device type:	Hostname:	Last updated:	HTTP(s)-port:	RTSP-port:	DVR-port:	
TestRecorder	●	TVHD80000	testrecorder.u12626.ns.abus-serv...	26.05.14 12:34	80 ✔	554 ✔	8000 ✔	

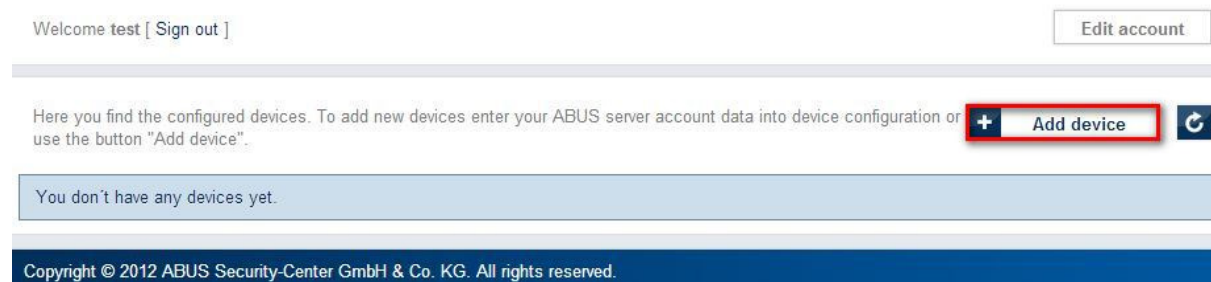
The device is now available with the hostname.

## 3. Network camera

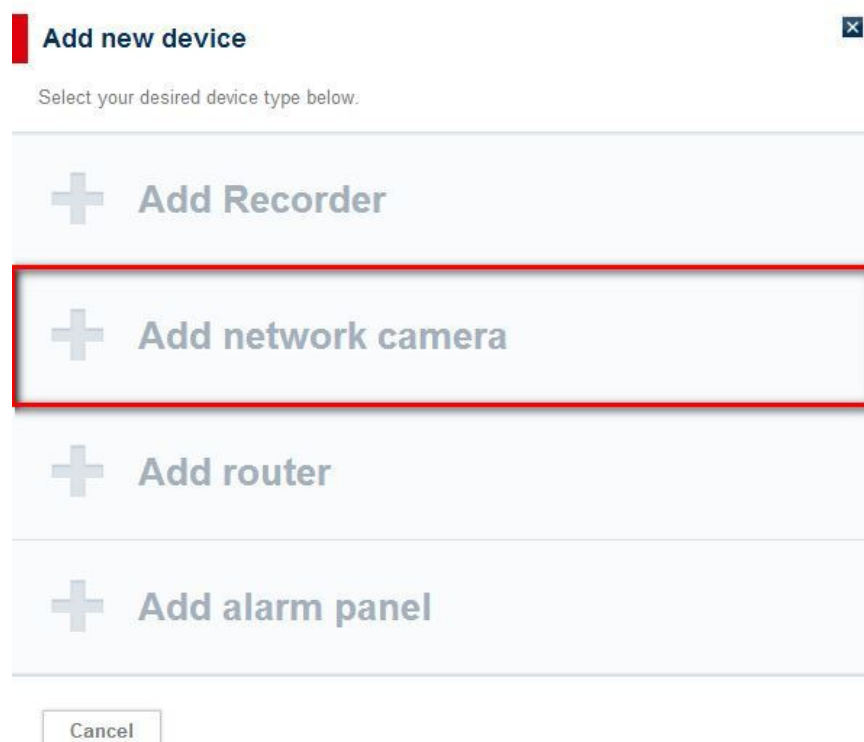


### 3.1 To add network camera

In order to add a network camera click on the button *"Add device"*.



Now click on the button *"Add network camera"*.



### 3. Network camera



Now you have to specify the data of your camera:

Device name	your user-defined name of your camera (max. 1-17 char.)
Device type	Select your camera in the drop-down menu
MAC address	Register the MAC address of your device (You will find the MAC address in the network settings of your device)
Login data	Your user name and password of the camera (Standard: „admin“ : “12345“)

**Add new device** ✕

Enter device data below.

Device name: <input type="text" value="TestCamera"/>	Device type: <input type="text" value="TVIP72500"/> <span>▼</span>
MAC address: <input type="text" value="ABCDEF123456"/>	

testcamera.u12626.ns.abus-server.com will become the hostname for this device.

**Your Domain**

For a better ABUS-products experience, you can insert the devices credentials here. Our iOS and Android-Apps will be able to use them and configure your settings. We transfer these credentials encrypted only.

Device username <input type="text" value="admin"/>	Device password <input type="text" value="12345"/>
---	---

### 3. Network camera



#### Note:

Please do not fill in the fields HTTP port, RTSP port and IP address.  
These are completed by your camera itself.

#### Device information



All device informations are listed below.

Device added successfully

#### TestCamera

Device type:	TVIP72500
Hostname:	testcamera.u12626.ns.abus-server.com
HTTP(s)-port:	empty
RTSP-port:	empty
Camera-port:	empty
MAC address:	ab:cd:ef:12:34:56
IP address:	empty
Last updated:	not yet

Close



Edit device

## 3. Network camera



### 3.2 Camera settings

#### **Note:**

The cameras TVIP10005A, TVIP10005B, TVIP10055A and TVIP10055B don't need any further configuration.

#### **Note:**

In order to configure the network cameras you need to upgrade your cameras to the newest Firmware and do a full reset to have the option of selecting ABUS-server in the DDNS settings.

Go to the network settings of your camera and activate the DDNS. Then Select the ABUS-Server.com address.

#### **Example TVIP72500**

A screenshot of a web-based configuration interface for a camera's DDNS settings. The interface is titled "DDNS" in blue. It features a "DDNS" section with two radio buttons: "On" (selected) and "Off". Below this is a "Server Name" field with a dropdown menu showing "http://ABUS-server.com". At the bottom, there is a "Periodical Update" section with two radio buttons: "Auto" (selected) and "Periodical". The "Periodical" option is followed by a dropdown menu showing "30" and the unit "min". At the very bottom, there are "Save" and "Cancel" buttons.

**DDNS**

DDNS ☒ On ☐ Off

Server Name http://ABUS-server.com ▼

Periodical Update ☒ Auto ☐ Periodical 30 ▼ min

Save Cancel

## 3. Network camera



### 3.3 Router settings

In Order to have external access to your recorder, you need the following port forwarding in your router.

<i>HTTP-Port</i>	<i>80</i>	<i>(standard)</i>
<i>RTSP-Port</i>	<i>554</i>	<i>(standard)</i>

For the configuration of the port forwarding you can visit the following website:

[http://portforward.com/english/routers/port\\_forwarding/routerindex.htm](http://portforward.com/english/routers/port_forwarding/routerindex.htm)

You will find a list of almost all routers and the specific configuration steps for the port forwarding.



## 3. Network camera



### 3.4 Port-Scan

After finishing the steps 1-3 you need to scan the ports, so the system can detect these as open. Therefore you need to click on the recorder entry.

Device name:	Device type:	Hostname:	Last updated:	HTTP(s)-port:	RTSP-port:	DVR-port:	
TestCamera	TVIP72500	testcamera.u12626.ns.abus-serv...	26.05.14 12:41	80 ✖	554 ✖		

Now click on the Button „Start port-scan“.

**Device information**

All device informations are listed below.

<b>TestCamera</b>		<input type="button" value="Connect"/>
Device type:	TVIP72500	
Hostname:	testcamera.u12626.ns.abus-server.com	
HTTP(s)-port:	80 ✖	
RTSP-port:	554 ✖	
Camera-port:	empty	
MAC address:	ab:cd:ef:12:34:56	
IP address:	213.84.123.48	
Last updated:	recently	

After a successful scan the ports will be added with a snag and the dot will be green. („Device online“)

Device name:	Device type:	Hostname:	Last updated:	HTTP(s)-port:	RTSP-port:	DVR-port:	
TestCamera	TVIP72500	testcamera.u12626.ns.abus-serv...	26.05.14 12:41	80 ✔	554 ✔		

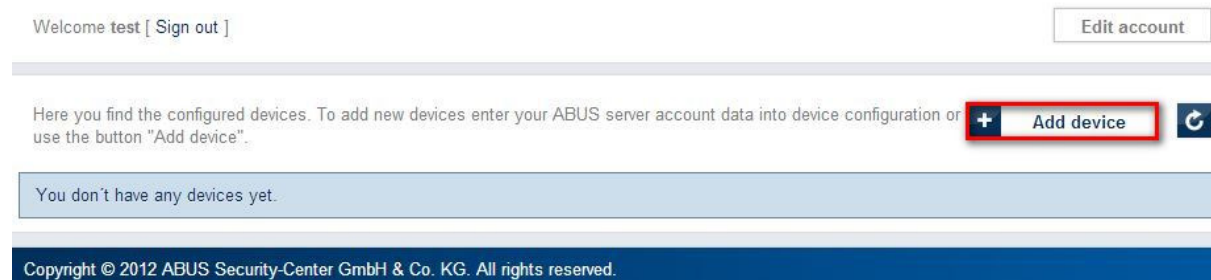
The device is now available with the hostname.

## 4. Router

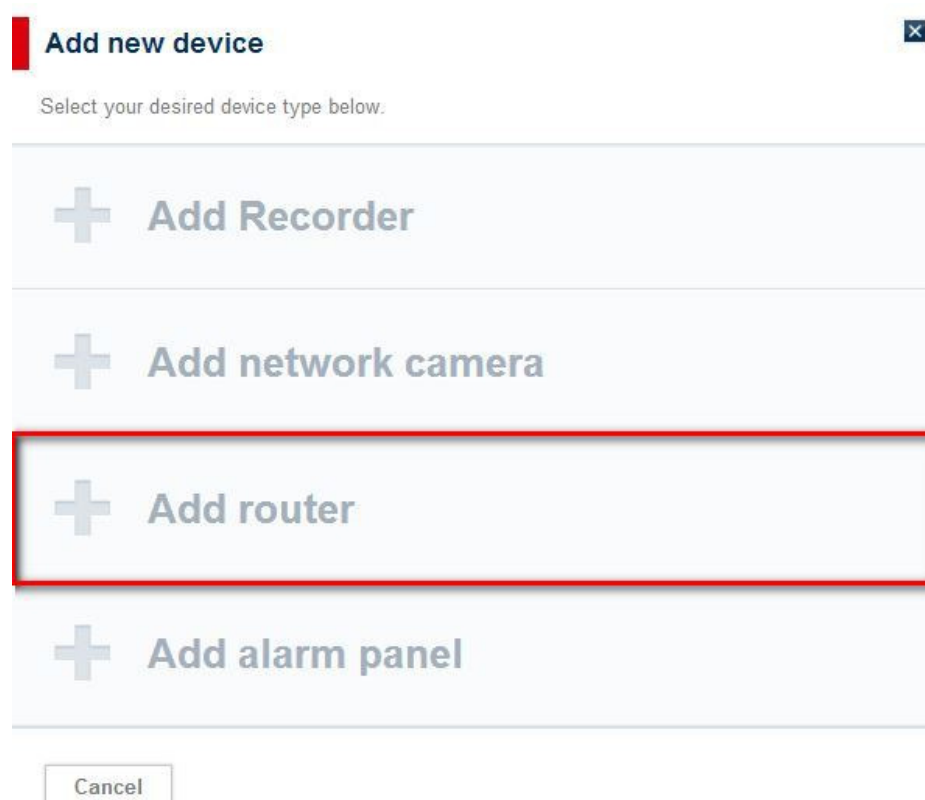


### 3.1 To add router

In order to add a router camera click on the button “Add device”.



Now click on the button “Add router”.



## 4. Router



Now you only have to determine a device name for your router. (max. 1-17 char.)

**Add new device** ✕

Enter device data below.

Device name: <input type="text" value="TestRouter"/>	Device type: <div>DSL-Router</div>
---	---------------------------------------

testrouter.u12626.ns.abus-server.com will become the hostname for this device

Cancel ✓ Save

### *Hinweis:*

Bitte füllen Sie das Feld IP-Adresse nicht aus. Diese wird von Ihrem Router selbstständig gefüllt.

**Device information** ✕

All device informations are listed below.

Device added successfully

TestRouter	
Device type:	DSL-Router
Hostname:	testrouter.u12626.ns.abus-server.com
IP address:	empty
Last updated:	not yet

Configure your router for automatic IP updates by setting following datas:

URL	abus-server.com/device_api/router?username=<username>&password=<pass>&hostname=<domain>
Domain	testrouter.u12626.ns.abus-server.com
Username	test
Password	Your ABUS-Server user password

Close  Edit device

## 4. Router



### 4.2 Router settings

Now you have to enter the data in your router received from abus-server.com. You should transfer it by the copy & paste feature.

Configure your router for automatic IP updates by setting following datas:

URL	abus-server.com/device_api/router?username=<username>&password=<pass>&hostname=<domain>
Domain	testrouter.u12626.ns.abus-server.com
Username	test
Password	Your ABUS-Server user password

### Example Fritzbox

Über Dynamic DNS können Anwendungen und Dienste, für die in der FRITZ!Box-Firewall Portfreigaben eingerichtet wurden, unter einem festen Domainnamen aus dem Internet erreicht werden, obwohl sich die öffentliche IP-Adresse der FRITZ!Box mit jeder Internetwahl ändert.

☒ Dynamic DNS benutzen

Geben Sie die Anmeldedaten für Ihren Dynamic DNS-Anbieter an.

Dynamic DNS-Anbieter	Benutzerdefiniert ▼	Neuen Domainnamen anmelden
Update-URL:	abus-server.com/device_api/router	
Domainname:	testrouter.u12626.ns.abus-server.c	
Benutzername:	test	
Kennwort:	••••	

Übernehmen Abbrechen Hilfe

After a successful update the dot will be green. („Device online“)

Device name:	Device type:	Hostname:	Last updated:	HTTP(s)-port:	RTSP-port:	DVR-port:	
TestRouter	DSL-Router	testrouter.u12626.ns.abus-server....	26.05.14 12:46				

The device is now available with the hostname.

## 4. Router



### 4.3 Port forwarding for ABUS devices

With the added router you can create an external access to all ABUS devices with the required port forwarding. You need to attach the corresponding port after your domain separated by a colon.

(E.G: <http://testrouter.u12626.ns.abus-server.com:80>)

<i>IP camera</i>	<i>HTTP port</i>	<i>80</i>	<i>(standard)</i>
	<i>RTSP port</i>	<i>554</i>	<i>(standard)</i>
<i>Recorder</i>	<i>HTTP port</i>	<i>80</i>	<i>(standard)</i>
	<i>DVR port</i>	<i>8000</i>	<i>(standard)</i>
	<i>RTSP port</i>	<i>554</i>	<i>(standard)</i>
<i>SecvestIP</i>	<i>HTTP port</i>	<i>80</i>	<i>(standard)</i>
<i>Ultivest</i>	<i>HTTP(s) port</i>	<i>443</i>	<i>(standard)</i>
<i>VMS</i>	<i>HTTP port</i>	<i>80</i>	<i>(standard)</i>
	<i>Application port</i>	<i>1927</i>	<i>(standard)</i>

For the configuration of the port forwarding you can visit the following website:

[http://portforward.com/english/routers/port\\_forwarding/routerindex.htm](http://portforward.com/english/routers/port_forwarding/routerindex.htm)

You will find a list of almost all routers and the specific configuration steps for the port forwarding.

## 5. VMS/HDVR



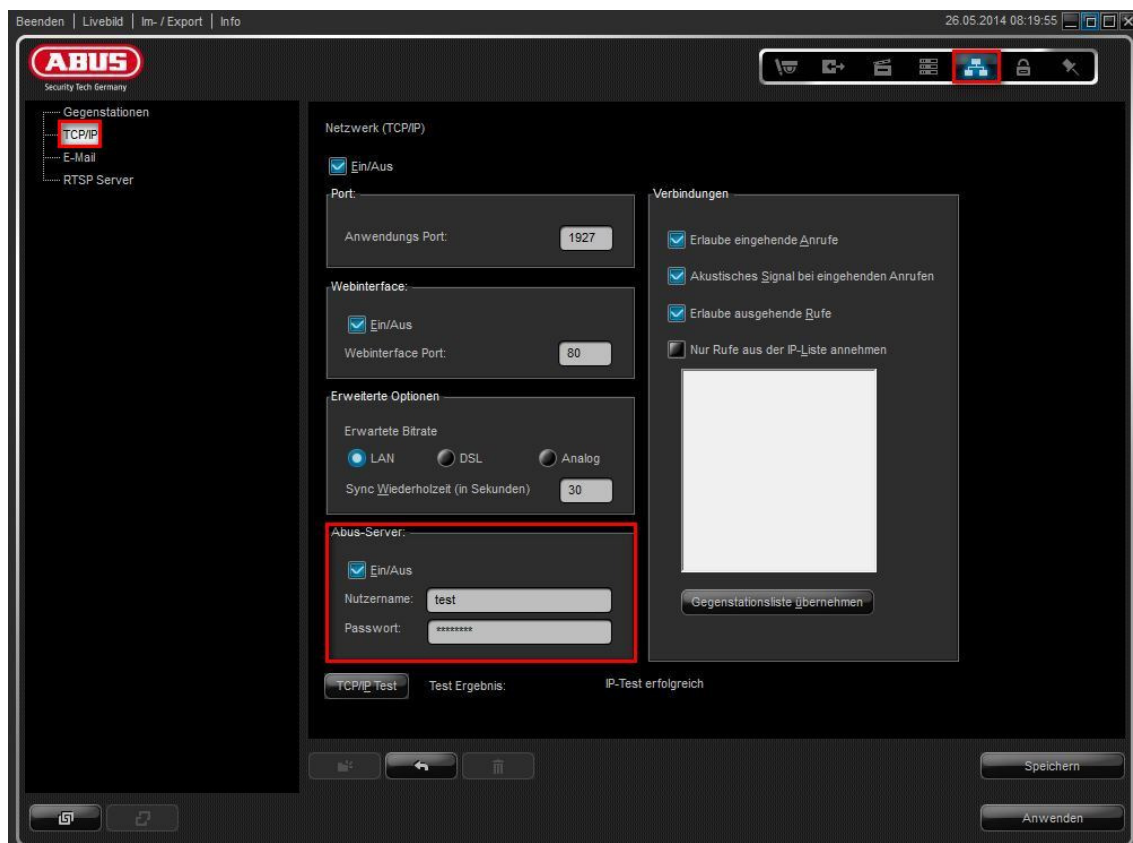
### 5.1 VMS settings

#### **Note:**

It is only possible to add a VMS Basic-Professional-Enterprise in the ABUS-server. The version of the VMS must be at least 7.1.

The latest Version for older HDVR with an embedded Windows XP system and PC's with Windows XP is VMS 7.1.2270.

Go to the configuration settings in your VMS and to the remote station/network tab. Activate the ABUS-server service in the TCP/IP settings and enter your user and password of your ABUS-server account. The entry will be automatically made on the ABUS-server website.



## 5. VMS/HDVR



### 5.2 Router settings

In Order to have external access to your recorder, you need the following port forwarding in your router.

<i>HTTP-Port</i>	<i>80</i>	<i>(standard)</i>
<i>Application-Port</i>	<i>554</i>	<i>(standard)</i>

For the configuration of the port forwarding you can visit the following website:

[http://portforward.com/english/routers/port\\_forwarding/routerindex.htm](http://portforward.com/english/routers/port_forwarding/routerindex.htm)

You will find a list of almost all routers and the specific configuration steps for the port forwarding.

## 5. VMS/HDVR



### 5.3 Port-Scan

After finishing the steps 1-2 you need to scan the ports, so the system can detect these as open. Therefore you need to click on the recorder entry.

Device name:	Device type:	Hostname:	Last updated:	HTTP(s)-port:	RTSP-port:	DVR-port:	
SUPPORTPC	VMS En.	supportpc.u12626.ns.abus-server...	26.05.14 13:41	80 ✖	554 ✖	1927 ✖	

Now click on the Button „Start port-scan“.

**Device information**

All device informations are listed below.

<b>SUPPORTPC</b>		<input type="button" value="Connect"/>
Device type:	VMS En.	
Hostname:	supportpc.u12626.ns.abus-server.com	
HTTP(s)-port:	80 ✖	
RTSP-port:	554 ✖	
DVR-port:	1927 ✖	
MAC address:	90:1b:0e:11:88:42	
IP address:	212.84.123.48	
Last updated:	one minute ago	

After a successful scan the ports will be added with a snag and the dot will be green. („Device online“)

Device name:	Device type:	Hostname:	Last updated:	HTTP(s)-port:	RTSP-port:	DVR-port:	
SUPPORTPC	VMS En.	supportpc.u12626.ns.abus-server...	26.05.14 13:41	80 ✔	554 ✔	1927 ✔	

The device is now available with the hostname.

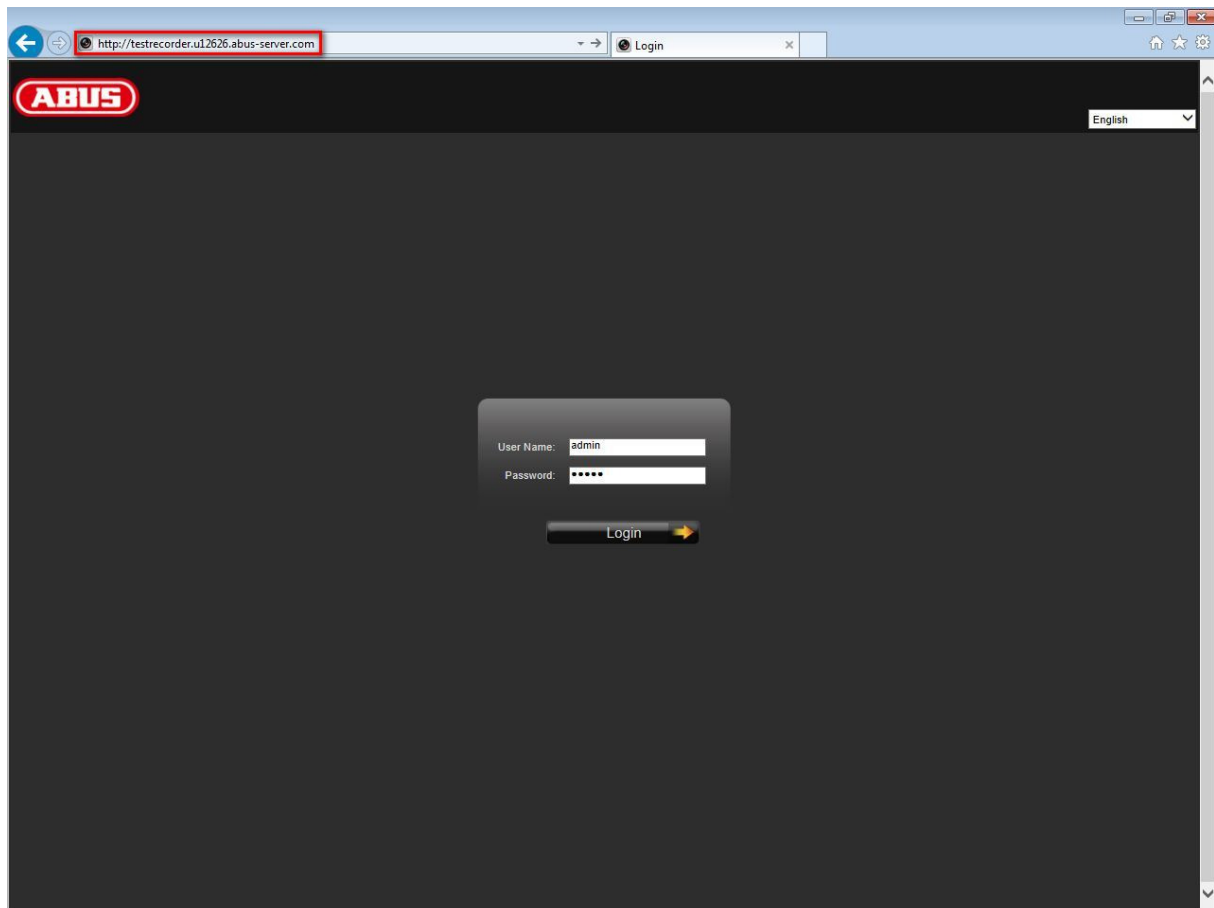


## 6. Applications



### 6.1 Internet Explorer

Enter the host name in the address bar of your Internet Explorer.



## 6. Applications



### 6.2 CMS

After you added an Area, add a recorder.

Here select „Normal Domain“ at the *Register Mode* and enter the host name in the area „Domain Name“.

The screenshot shows the 'Config' window of the ABUS CMS. At the top, there's a navigation bar with 'List' and 'Group' tabs, and a 'Device' button. Below this, the 'Device Information' section contains several fields: 'Description' (TVHD80000), 'Domain Name' (testrecorder.u12626.abus, highlighted with a red box), 'DVR User name' (admin), 'Amount Cameras' (4), 'DNS Address' (empty), and 'Device serial No.' (empty). To the right of these fields are 'Register Mode' (Normal Domain, selected in a dropdown), 'DVR Port' (8000), 'DVR Password' (\*\*\*\*\*), 'Multicast' (empty), and 'Belong to area' (Support). A red arrow points to the 'DVR Port' field. Below the fields are three buttons: 'Online Device', 'Remote Config', and 'DDNS'. At the bottom of the window are buttons for '+', '-', 'Sort', 'Save', and 'Exit'. A 'Support' link is visible in the top right corner of the main content area.

## 6. Applications

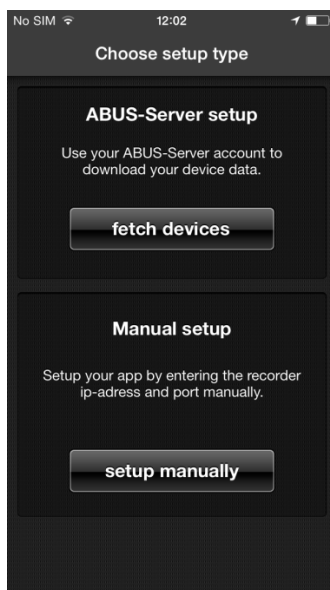


### 6.3 iDVR

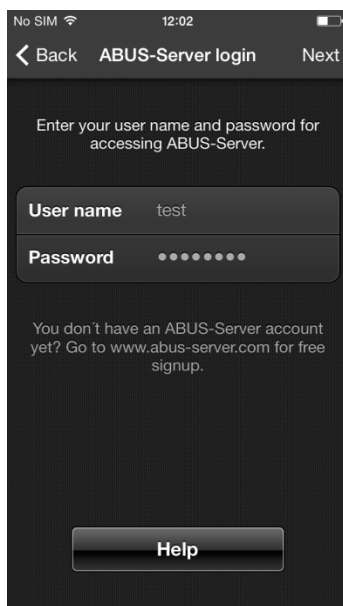
#### Excmple iOS devices

After you added your recorders in the ABUS server you can enter it very easy and fast in the new iDVR app.

Therefore click on the Button „*fetch devices*“.



Now you must enter your user and password of your ABUS-server account to load all the recorders of your account into the app.



## 6. Applications



### Example Android devices

Select „IP/Domain“ at the *Register Mode* and enter the host name in the *Address*.

A screenshot of the 'New Device' registration screen in the ABUS mobile application. The screen is dark-themed with a white form overlay. The form contains the following fields: 'Alias' with the value 'TVHD80000', 'Register Mode' set to 'IP/Domain' with a right-pointing arrow, 'Address' with the value 'testrecorder.u12636.ns.abus-serv', 'Port' with the value '8000', 'User Name' with the value 'admin', 'Password' with five dots, and 'Camera No.' with the value '0'. The top status bar shows the time as 12:03. The bottom of the screen shows standard Android navigation icons.