

ABUS Security Center

Technical Information



Security Tech Germany

ABUS-SERVER.com

Instructions manual for DynDNS service

By Technischer Support

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1. Account



1.1 Account set-up

Open our page: 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 a web application dialog box titled "Edit account" with a close button (X) in the top right corner. Below the title is the instruction "Edit your account data here." The dialog contains a header with the name "test". There are two input fields: "E-mail address:" with the value "abustest0000@googlemail.com" and "Language:" with a dropdown menu set to "English". Below these fields 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.

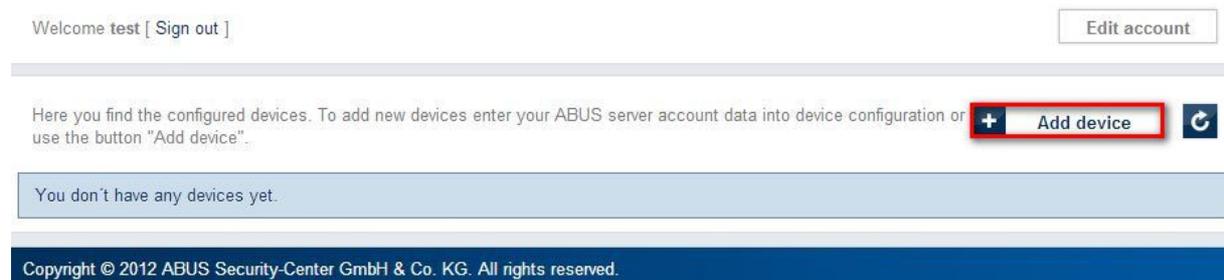
A screenshot of the same "Edit account" dialog box, but with additional fields for password creation. Below the "Language" dropdown, there are two input fields: "New password" and "New password confirmation". The "Delete account" button is still present. The "Save" button is now highlighted with a blue checkmark icon, indicating it is the active action.

2. Recorder

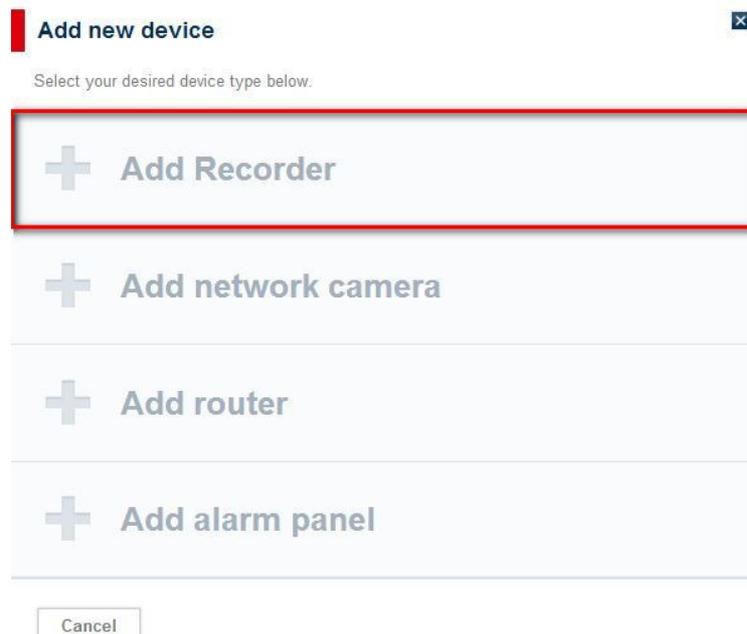


2.1 To add recorder

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



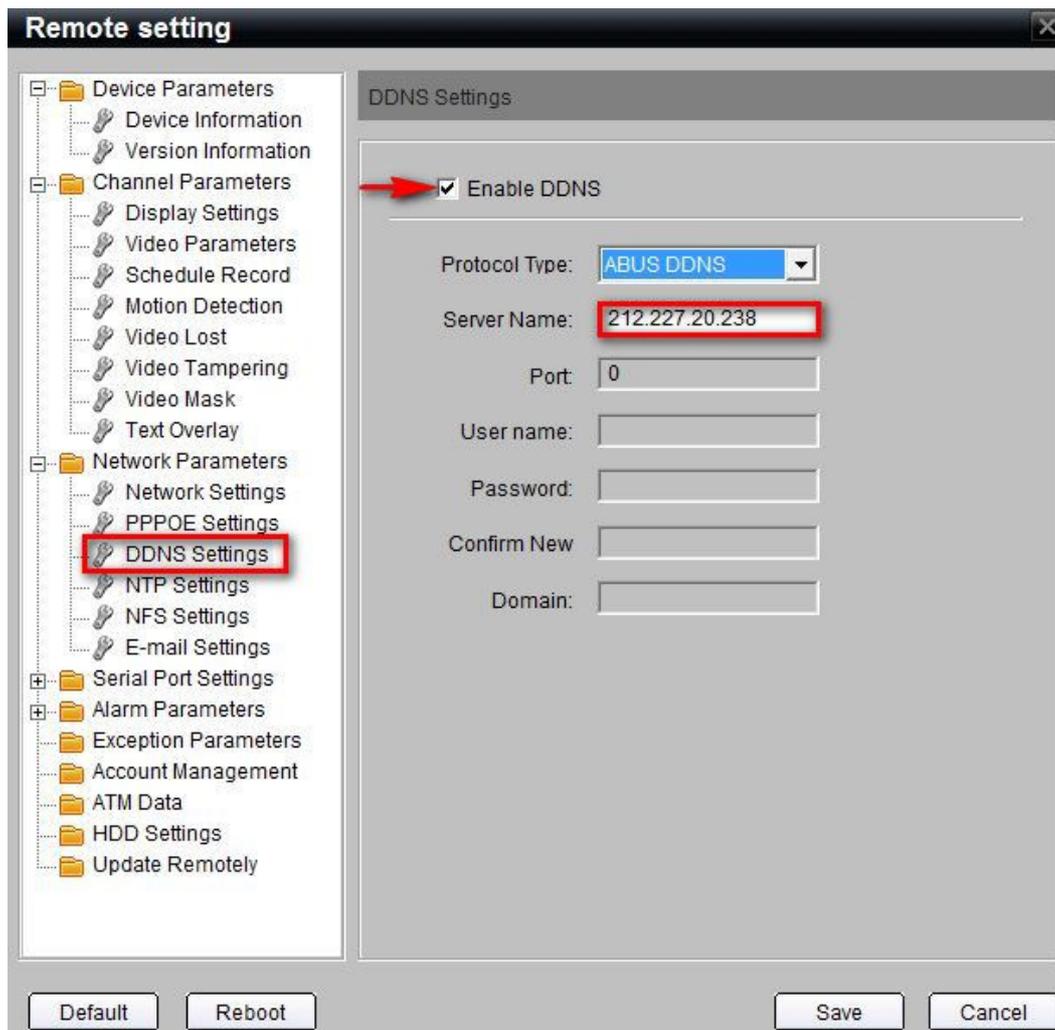
2.2 Recorder settings

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

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.

TestRecorder Connect	
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 ✔	

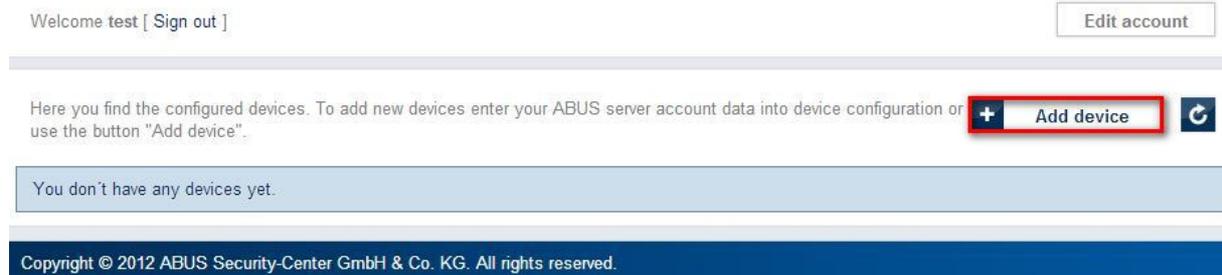
The device is now available with the hostname.

3. Network camera

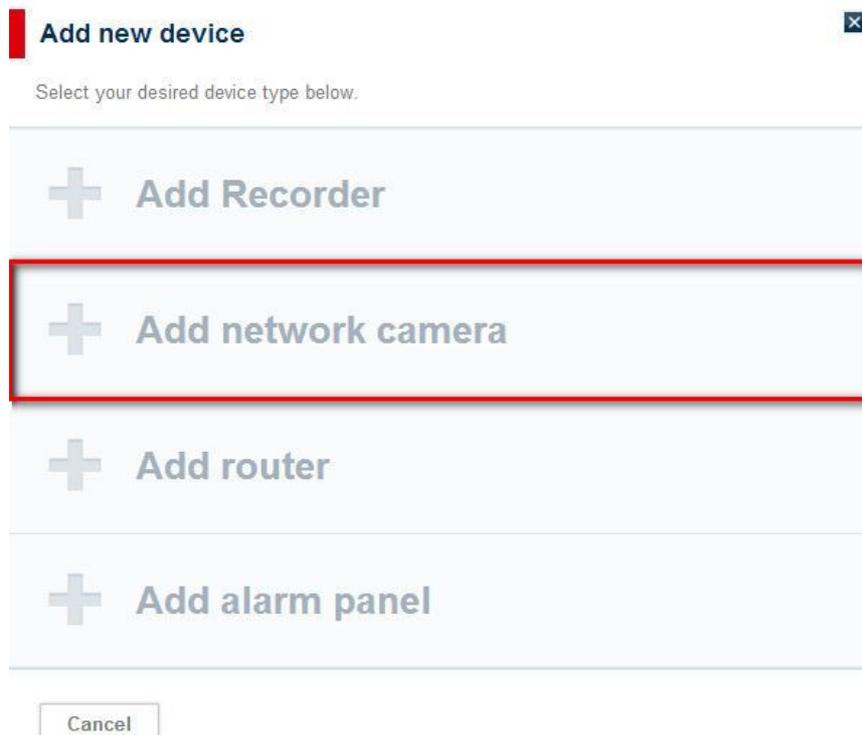


3.1 To add network camera

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"/>
MAC address: <input type="text" value="ABCDEF123456"/>	

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

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

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 camera's DDNS configuration page. The page has a title "DDNS" in blue. Below the title, there are two radio buttons: "On" (selected) and "Off". Underneath, there is a "Server Name" label followed by 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". Next to the "Periodical" option is a dropdown menu showing "30" and the unit "min". At the very bottom of the form are two buttons: "Save" and "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

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.

TestCamera		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

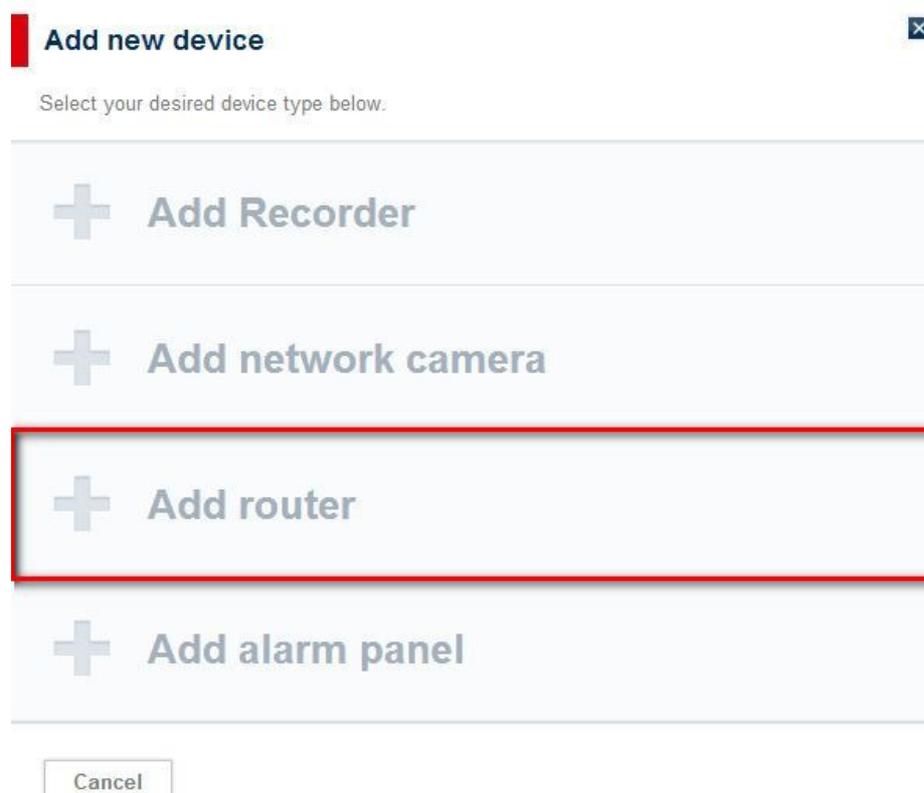


3.1 To add router

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: DSL-Router
---	----------------------------

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

Your Domain

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

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:

Update-URL:

Domainname:

Benutzername:

Kennwort:

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

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

5. VMS/HDVR



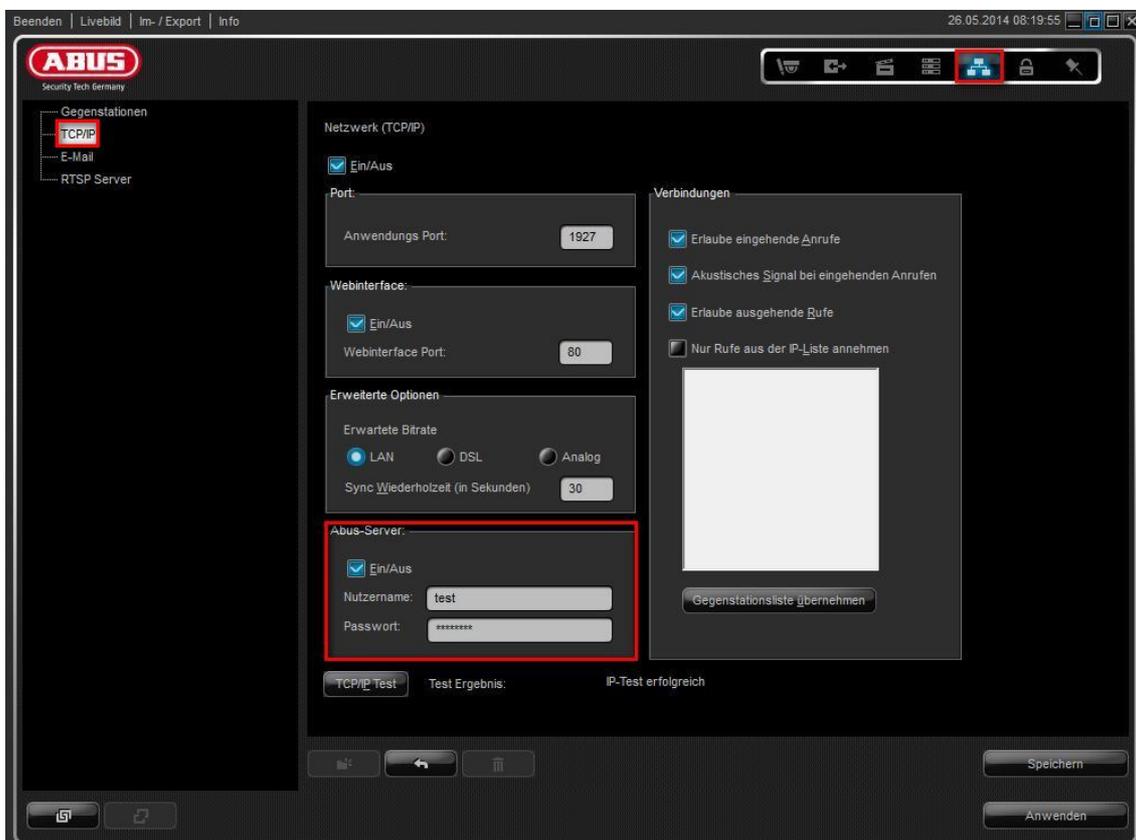
5.1 VMS settings

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

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.

SUPPORTPC 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

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:	
SUPPORTPC	● VMS En.	supportpc.u12626.ns.abus-server...	26.05.14 13:41	80 ✔	554 ✔	1927 ✔	

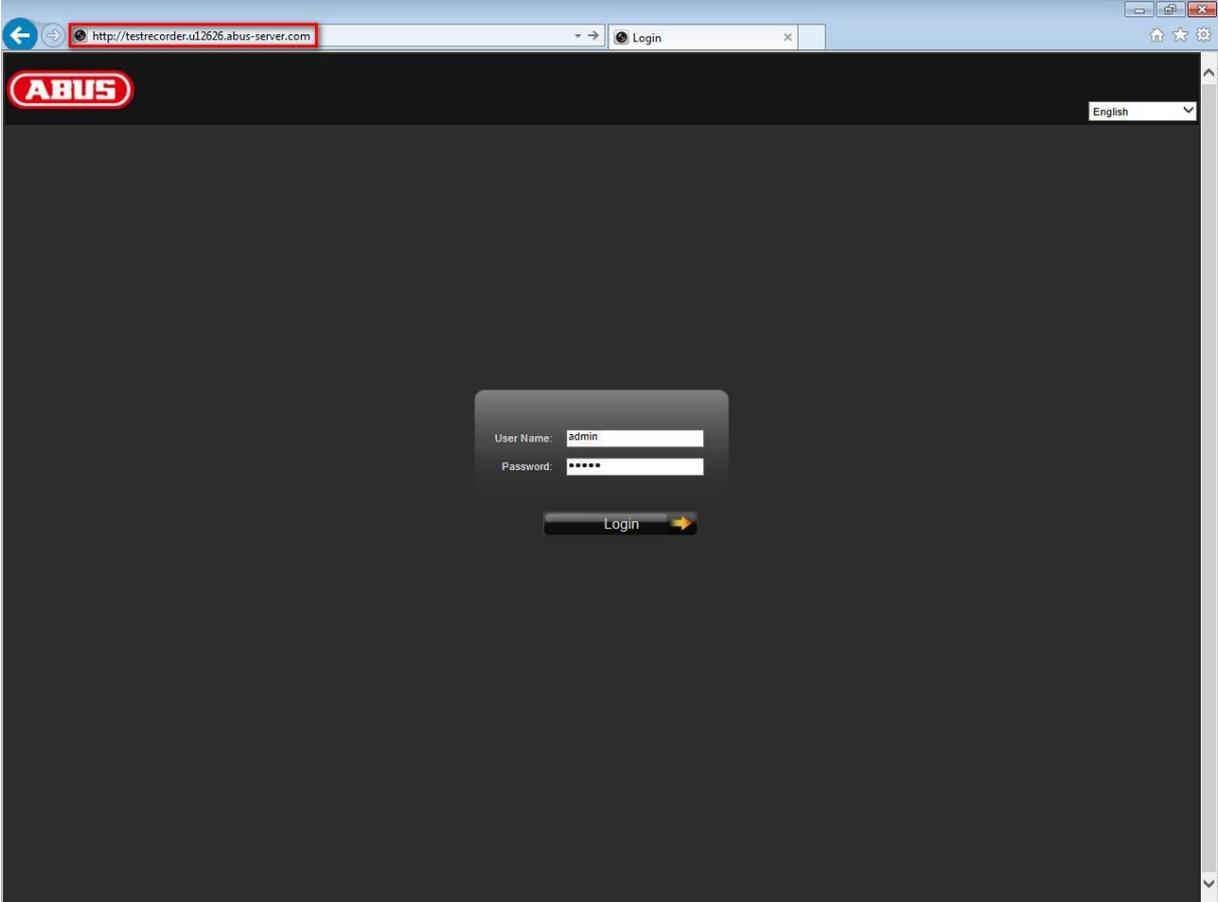
The device is now available with the hostname.

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 for a device. The interface is dark-themed with a top navigation bar containing icons for 'Device', 'Local', 'Recording', 'Alarm', and 'User'. Below the navigation bar, there are tabs for 'List' and 'Group'. The main configuration area is titled 'Device Information' and contains several fields: 'Description' (TVHD80000), 'Register Mode' (Normal Domain), 'Domain Name' (testrecorder.u12626.abus), 'DVR Port' (8000), 'DVR User name' (admin), 'DVR Password' (*****), 'Amount Cameras' (4), 'Multicast' (.), and 'Belong to area' (Support). A red box highlights the 'Domain Name' field, and a red arrow points to the 'DVR Port' field. At the bottom of the configuration area, there are buttons for 'Online Device', 'Remote Config', and 'DDNS'. The bottom of the window features a status bar with a '+' icon, a trash icon, and buttons for 'Sort', 'Save', and 'Exit'.

6. Applications

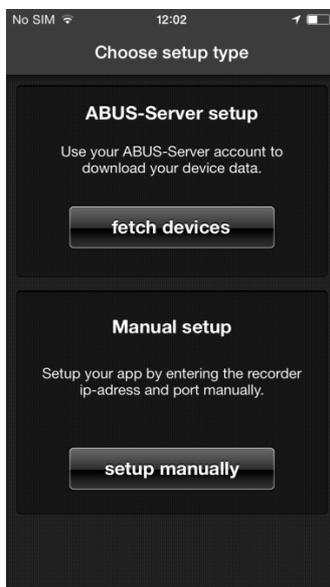


6.3 iDVR

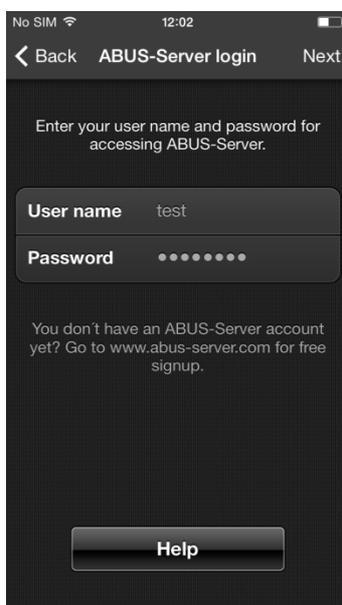
Example iOS devices

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*.

