



# DDNS REGISTRATION GUIDE

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This guide is intended for all GNS customers wanting to utilize the free DDNS service provided by GNS. Please follow the steps outlined below to learn about why and how to set up this service for remote viewing use on cell phones and computers.



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# DDNS REGISTRATION

## STEP 1: Register an account

**Welcome to ghiddns.com**  
Create a user account or choose existing users below to begin.

*DDNS account creation.*

NEW USER REGISTRATION	
EMAIL ADDRESS	<input type="text" value="nick@gnsdvr.com"/>
PASSWORD	<input type="password" value="*****"/>
PASSWORD CONFIRM	<input type="password" value="*****"/>
FIRST NAME	<input type="text" value="Nick"/>
LAST NAME	<input type="text" value="Ziffra"/>
SECURITY QUESTION	<input type="text" value="My pets name."/>
ANSWER	<input type="text"/>
CONFIRM YOU'RE HUMAN	<p>3+6= New Captcha 9 Solve the problem above.</p>

Submit Reset

Already have an account? [Click here to logon.](#)

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Register an account by filling out the appropriate information.

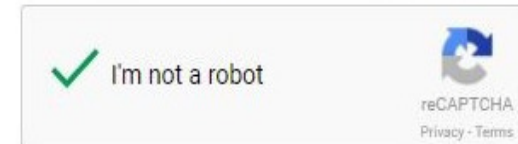
## STEP 2: Create a domain name

### Domain Name Creation

Enter a new domain name below.

*You must create a domain name to continue.*

Domain name must start with (a-z, 0-9). Cannot end or start, but may contain a hyphen and is not case-sensitive.



After registering, the following page will show up on your screen. Enter a domain name and click “request domain” to check availability. If available, you are now ready to enter this information into a device.





# DDNS ENTRY INTO DVR/NVR

## STEP 3: DDNS entry (through DVR)

The DDNS must be configured into the recorder to function. There are two ways to do this,

1. Directly at the DVR/NVR, or ,
2. Through the web browser

To do this directly at the DVR/NVR , go to:  
Menu > Configuration > Network > DDNS

General	Platform Access	PPPOE	<b>DDNS</b>	NTP	En
Enable DDNS			<input checked="" type="checkbox"/>		
DDNS Type			CUSTOM DDNS		
Server Address			ghiddns.com		
Device Domain Name			gns8989.ghiddns.com		
Status			DDNS status is normal.		
User Name			nick@gnsdvr.com		
Password			*****		

You can visit this URL as followed : <http://gns8989.ghiddns.com>

## STEP 3: DDNS entry (through DVR cont.)

Under DDNS:

1. **“Enable DDNS”**: Checked
2. **DDNS Type**: “CUSTOM DDNS”
3. **Server Address**: ghiddns.com
4. **Device Domain Name**: domainname.ghiddns.com
5. **Username**: (your GHIDDNS account email)
6. **Password**: (your GHIDDNS account password)
7. Click **“Apply”** at the bottom of the screen.

After completing these steps, your screen should look similar to the screen shot on the left.

OR →



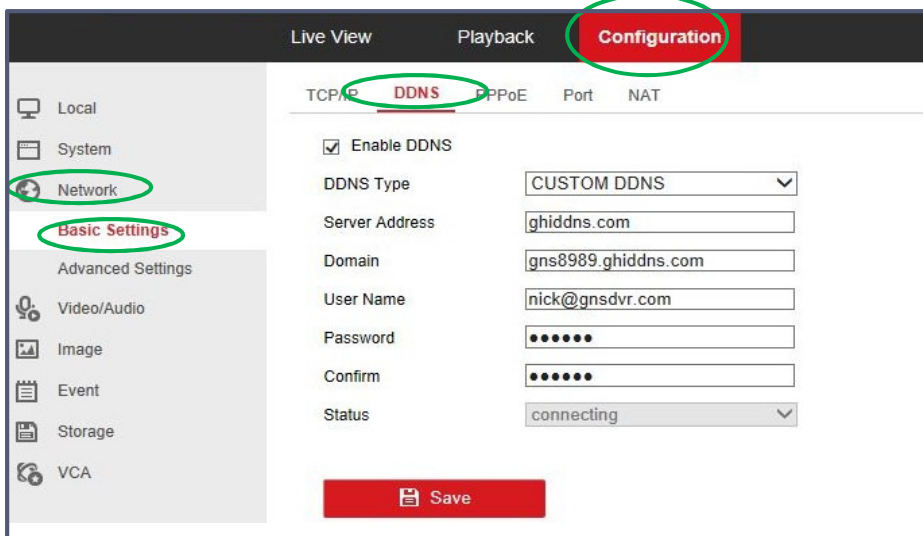
# DDNS ENTRY INTO DVR/NVR

## STEP 3: DDNS entry (through web browser)

The second way to configure DDNS to a recorder is through a web browser.

To do this through the web browser, type the IP address of the unit into Internet Explorer and go to:

Configuration > Network > Basic Settings > DDNS



## STEP 3: DDNS entry (through web browser cont.)

Under DDNS:

1. **“Enable DDNS”**: Checked
2. **DDNS Type**: “CUSTOM DDNS”
3. **Server Address**: ghiddns.com
4. **Device Domain Name**: domainname.ghiddns.com
5. **Username**: (your GHIDDNS account email)
6. **Password**: (your GHIDDNS account password)
7. Click **“Save”** at the bottom of the screen.

After completing these steps, your screen should look similar to the screen shot on the left.



# DDNS ENTRY INTO PHONE APP

## STEP 1: Download App

Download “Guarding Expert” or “iVMS-4200”



Open the application, go to:

1. Main menu (top left)

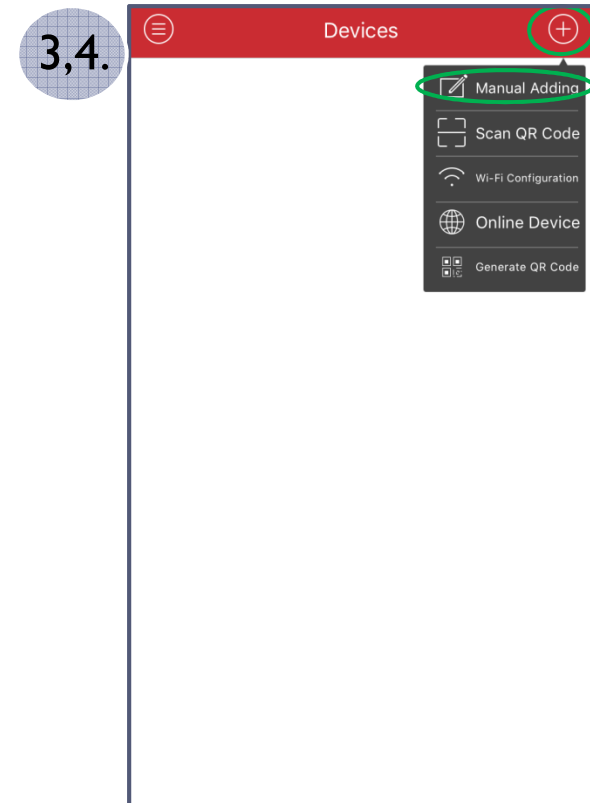
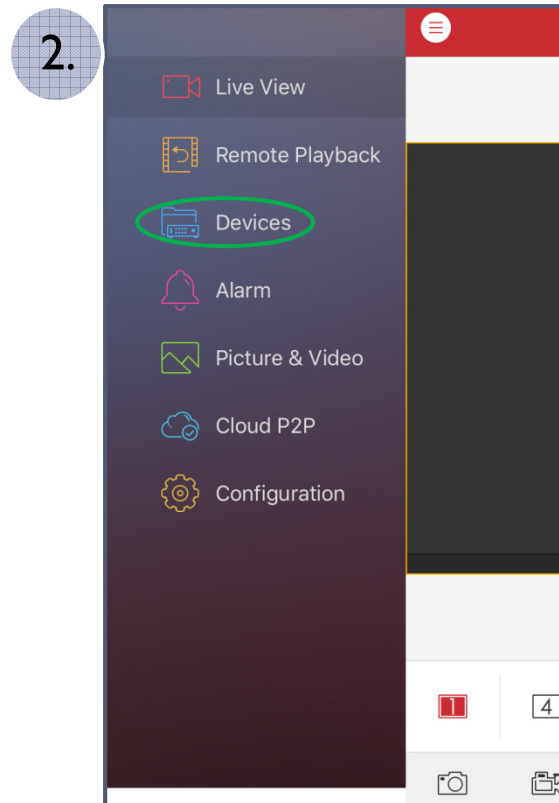
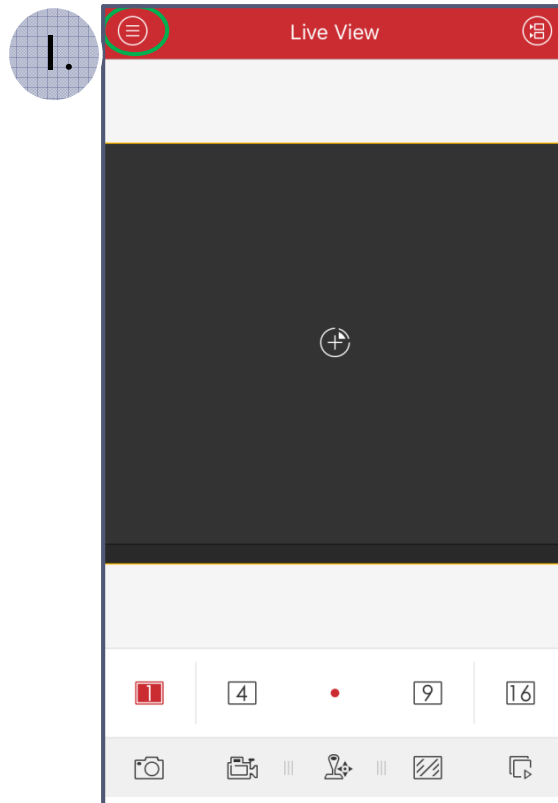


2. Devices



3. Add (+)

> 4. Manual Add





# DDNS ENTRY INTO PHONE APP (cont.)

## STEP 2: Configure DDNS settings in app

Under Manual Adding:

1. **Alias:** (Input name of unit)
2. **Register Mode:** IP/Domain
3. **Address:** domainname.ghiddns.com
4. **Port:** (Input server port, default: 8000)
5. **Username:** (DVR/NVR username, default: admin)
6. **Password:** (DVR/NVR username password)
7. Tap the “**Save**” icon on the top right
8. Tap “**Start Live View**” on the bottom

New Device	
Alias	ghiddns
Register Mode	IP/Domain
Address	gns8989.ghiddns.com
Port	8989
User Name	admin
Password	●●●●●●●●
Camera No.	1



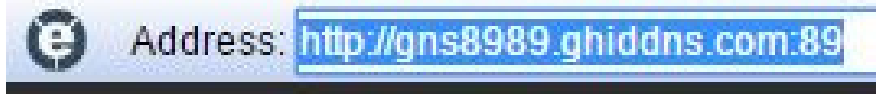
# Using DDNS for Remote Access

## Access via Web browser

Port forwarding must be completed to access the unit using the DDNS through a web browser.

Default ports: 80 (HTTP), 8000 (Server), 554 (RTSP)

Open Internet Explorer, type:  
<http://domainname.ghiddns.com>



## Access via iVMS-4200

Download iVMS-4200 @

[http://www.hikvision.com/us/Tools\\_84.html](http://www.hikvision.com/us/Tools_84.html)

Go to;

Device Management > Add > Adding Mode: IP/Domain

**Nickname:** Anything

**Address:** domainname.ghiddns.com

**Port:** (Server Port, default: 8000)

**User Name:** DVR/NVR username (default: admin)

**Password:** DVR/NVR username password

Make sure **“Export to Group”** is checked, click **“Add”**

The screenshot shows the 'Add' dialog box in iVMS-4200. The 'Adding Mode' section has 'IP/Domain' selected. The 'Add Offline Device' checkbox is unchecked. The configuration fields are: Nickname: ghiddns, Address: gns8989\_ghiddns.com, Port: 8989, User Name: admin, Password: [masked]. The 'Export to Group' checkbox is checked. A note at the bottom states: 'Set the device name as the group name and add all the channels connected to the device to the group.' Buttons for 'Add' and 'Cancel' are at the bottom right.



# DDNS DOMAIN LIST MANAGEMENT

## Finding your domain list

**User Settings**

**Domains**

**Logout**

### My Domains

Your domain names are listed below. Choose create new domain to add additional domain names.

*Your domain was successfully created.*

Search by Domain.

*Click a name to edit your domain settings.*

NAME	STATUS	DOMAIN
<b>GNS8989</b>		gns8989.ghiddns.com

Last Update: *Not yet updated* IP Address: 50.198.21.58

Accessing your domain list can be a useful tool for managing your customers' sites. When logged into your GHIDDNS account, click "Domains" to get a full list of all domains you have registered. Click your device under "Name" to edit the domain.

## Editing your existing domains

**User Settings**

**Domains**

**Logout**

### Domain Settings

Your domains current settings are listed below. .

Domain: gns8989.ghiddns.com

Domain name must start with (a-z, 0-9). Cannot end, nor start, but may contain a hyphen, and is not case-sensitive

ghiddns.com

*Domain Information.*

IP	REGISTERED DATE	LAST UPDATE	STATUS
50.198.21.58	5/30/2017 3:27:39 PM	<i>Not yet updated.</i>	<b>Enabled</b>

*Actions.*

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Click the name of the domain you would like to edit. You can:

1. **"Disable"** the domain name
2. **"Delete"** the domain name
3. **"Change"** the domain name