# **SIMPLE DDNS Manual**

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# 1. Configuring DDNS Service

### Purpose:

If your DVR is set to use PPPoE as its default network connection, you may set Dynamic DNS (DDNS) to be used for network access.

Prior registration with your ISP is required before configuring the system to use DDNS. *Steps:* 

1. Enter the Network Settings interface.

Menu > Configuration > Network

2. Select the **DDNS** tab to enter the DDNS Settings interface.

Enable DDNS	<b>v</b>
DDNS Type	SIMPLEDDNS ~
Server Address	www.simpleddns.com
Device Domain Name	
User Name	
Password	



- 3. Check the **DDNS** checkbox to enable this feature.
- 4. Select **DDNS Type** as "SIMPLEDDNS"
- 5. Set a Device Domain Name, for example "wholesale123n"

*Note:* The device name can only contain the lower-case English letter, numeric and '-'; and it must start with the lower-case English letter and cannot end with '-'.

# 2. Viewing System Information

### Steps:

- 1. Enter the System Information interface. Menu > Maintenance > System Info
- 2. You can click the **Device Info**, view the serial no information of the device.

Device Info	Camera	Record	Network	HDD			
Device Nam	ie	Emb	edded Net [	DVR			
Model		XX-X	K-XXXXXXXX-XX				
Serial No.		XXX	xxxxxxx	xxxxxxxxxxxxxxxx			
Firmware Ve	ersion	Vx.x	.x, Build x	xxxxx			
Encoding V	ersion	Vx.x	, Build xxx	xxx			

System Information Interface

### Note:

Make sure you can find the serial no like "WH-Nxxxx-PxxxxxxAARR490878929WCVU. The serial number is 9 digits, we need use that to add each device in DDNS control panel.

# 3. Register DDNS Account

Purpose: You need register a SIMPLE DDNS account before you can configure DDNS service.

#### Steps:

1.1 Input DDNS URL <u>www.simpleddns.com</u> in your browser to open the DDNS login dialog box.



## 1.2 Create SIMPLEDDNS account.

Note: If you have already registered, please Logon with your ID and password.

If not, please click "Register new user" after entering the registration browser interface:

Register nev	v user	×
User Name:	jack.zhang	
Password:	•••••	
Confirm Password:	•••••	
Certification code:	RSZM RSZM	
Real Name:	Jack	
Email:	jack.zhang@gmail.com	
Remark:		
	OK Cance	e

Fill-in all the above required information, for example,

The username is "**jack.zhang**", Password is "\*\*\*\*\*\*". Real Name: Jack, Email: <u>Jack.zhang@gmail.com</u>

After input all the information, click "OK" button and the system will create a user account.

# 4. Create Domain Name.

*Purpose:* you need create host name for each device which you want to use DDNS service. *Steps:* 

- 1. Open simple DDNS login dialog interface (http://www.simpleddns.com).
- 2. Management->Add. In Device Management interface, click Add to register the device.

Menu	nu Device Management Read BModity X Delete (Please input the searching condition Q 2)						
Device Status	Domain Name	Device Serial	Http Port	Login Name			
Device	1 test0000001	481568540	8040				
Management	2 wholesale123n	490878929	8080				
	[제 제 [ Page 1 of 1 2 2 /] ② Displaying 1-2 of 2						

**3.** Input your DVR host name in the first column with legal characters, and input Device serial number in the second column.

Add Device		×			
Domain Name:	wholesale123n				
Device Serial:	490878929				
Http Port:	0				
Please do not change the default http port No. "0". Only when the NAT function is enabled on the router and the external http port No. is different from that of the internal http port, you shall change the nort value to the external http nort No.					
	ОК	Cancel			

**4.** Click "OK" to add the device automatically, it's no need to configure user name and password in your DVR, after a few seconds, you can find the device in *Device Status* menu.

DDNS Management System v1.0							
Menu	Device State	us BExport					
Device Status	Serial No.	Domain Name	Device Link URL	Device Serial			
Device	1	test0000001	http://www.simpleddns.com/test0000001	481568540			
Management	2	wholesale123n	http://www.simpleddns.com/wholesale	490878929			

5. Click "Device Link URL", you can enjoy remotely live view!

### Note:

Make sure the *Domain name, Device Serial* and your device's network parameters (*IP address, DNS, gateway*) are all right and can successfully access internet.

# 5. Access the device via Browser or CMS software

*Note:* After having successfully registered the device on the SIMPLEDDNS server, you can access your device via web browser or Client Software with the Device Domain Name (Device Name).

## 5.1 Access the Device via Web Browser

Open a web browser, and enter <u>http://www.simpleddns.com/wholesale123n</u> in the address bar. Alias refers to the Device Domain Name on the device or the Device Name on the SIMPLEDDNS server.

Device Status							
Serial No.	Domain Name	Device Link URL	Device Serial				
1	test0000001	http://www.simpleddns.com/test0000001	481568540				
2	wholesale123n	http://www.simpleddns.com/wholesale123n	490878929				

Here we take domain name device "test0000001" as a example.

So the simpleddns link user will be

### http://www.simpleddns.com/wholesale123n



*Note:* If you mapped the HTTP port on your router and changed it to port No. except 80, you have to enter *http://www.hiddns.com/alias:HTTP port* in the address bar to access the device. You can refer to user manual *Chapter 错误! 未找到引用源。* for the mapped HTTP port No.

#### 5.2 Access the device via CMS

Steps:

- 2. Click Add Device to open the device adding dialog box.
- 3. Select **SIMPLEDDNS** as the adding mode.
- 4. Input the required information.

Nickname: Edit a name for the device as you want.

Server Address: <u>www.simpleddns.com</u>.

Device Domain Name: Input the device domain name registered on SIMPLEDDNS server.

User Name: Input the device user name. By default, the user name is admin.

Password: Input the device password. By default, the password is 12345.

	Ad	d		×
Adding Mode:				
O IP/Domain O IP S	Begment	IP Sen	/er	SIMPLEDDNS
Add Offline Device				
Nickname:	wholesale	123n		
Server Address:	www.simpl	eddns.com		
Device Domain Name:	wholesale	123n		
Name:	admin			
Password:	•••••			
Export to group				
Set the device name as the g connected to the device to the	group name e group.	and add all th	e channels	
			Add	Cancel
			Auu	Caller

- 5. Optionally, you can check the checkbox **Export to Group** to create a group by the device name. All channels and alarm inputs of the device will be imported to the corresponding group by default.
- 6. Click **Add** to add the device.

Device for Management (1)								
Add Device Modify	Delete Remote Confi	Refresh All			Filter			
Nickname 🔺 IP	Device Serial No.	Resource	Usa   HDD Status	Recording Status	Signal Status	Hardware Statu		
wholesale123n 218.17.99.35	WH-N5204-P40420141127AARR49087892	29WCVU 🔇	0	6	•	0		

*Note:* If you user name, password and device domain are all right, you can find the device add successful and resource usage data turn green.

7. Home->Main view. To enjoy your CMS live view



*Note:* CMS also provides a method to add the offline devices. Check the checkbox Add Offline **Device**, input the required information and the device channel count, and then click Add. When the offline device comes online, the software will connect it automatically.

The devices will be displayed on the device list for management after added successfully. You can check the resource usage, HDD status, recording status, and other information of the added devices on the list.

Click **Refresh All** to refresh the information of all added devices. You can also input the device name in the filter field for search.

Select device from the list, click **Modify/Delete**, and then you can modify/delete the information of the selected device.

Select device from the list, click **Remote Config**, and then you can do some remote configurations of the selected device if needed.