



# **How to Remotely Access into a Camera's Web Interface through a Uniview NVR?**



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Product	NVR	Date	8/16/2023

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## Description

**Note:** This method is applicable to most of the scenarios. If the method still cannot solve your problem, it is recommended to consult our Tech Support Team.

[https://global.uniview.com/Support/Service\\_Hotline/](https://global.uniview.com/Support/Service_Hotline/)

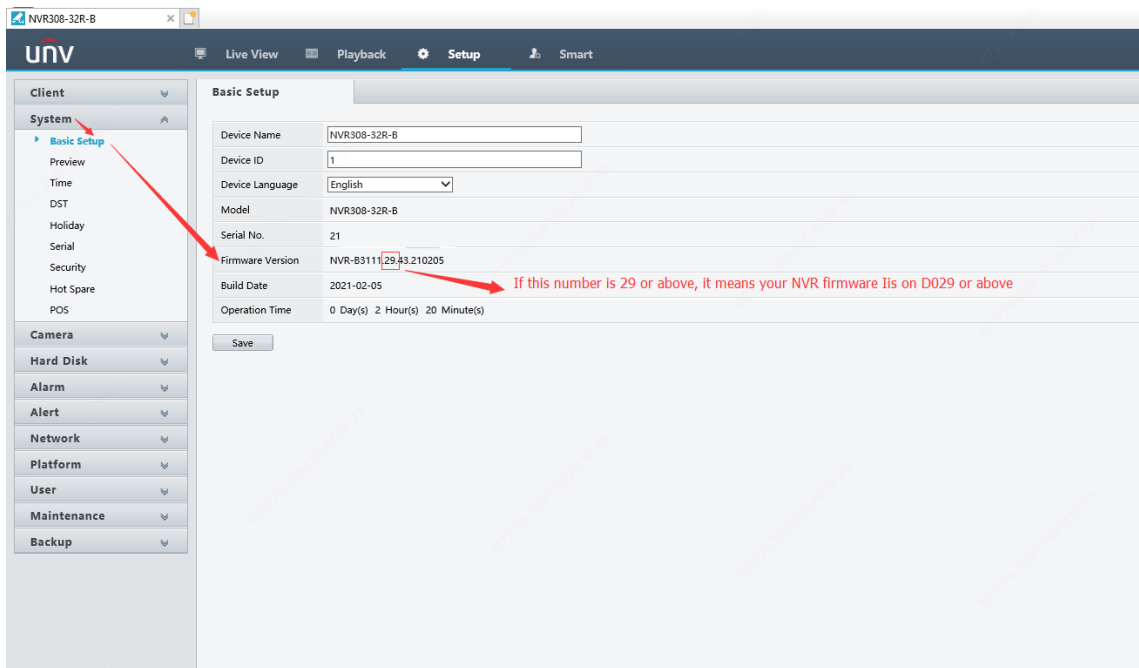
Only NVRs with firmware version D029 or above can access a camera's web interface.

Only 1 camera can be accessed through the NVR at a time.

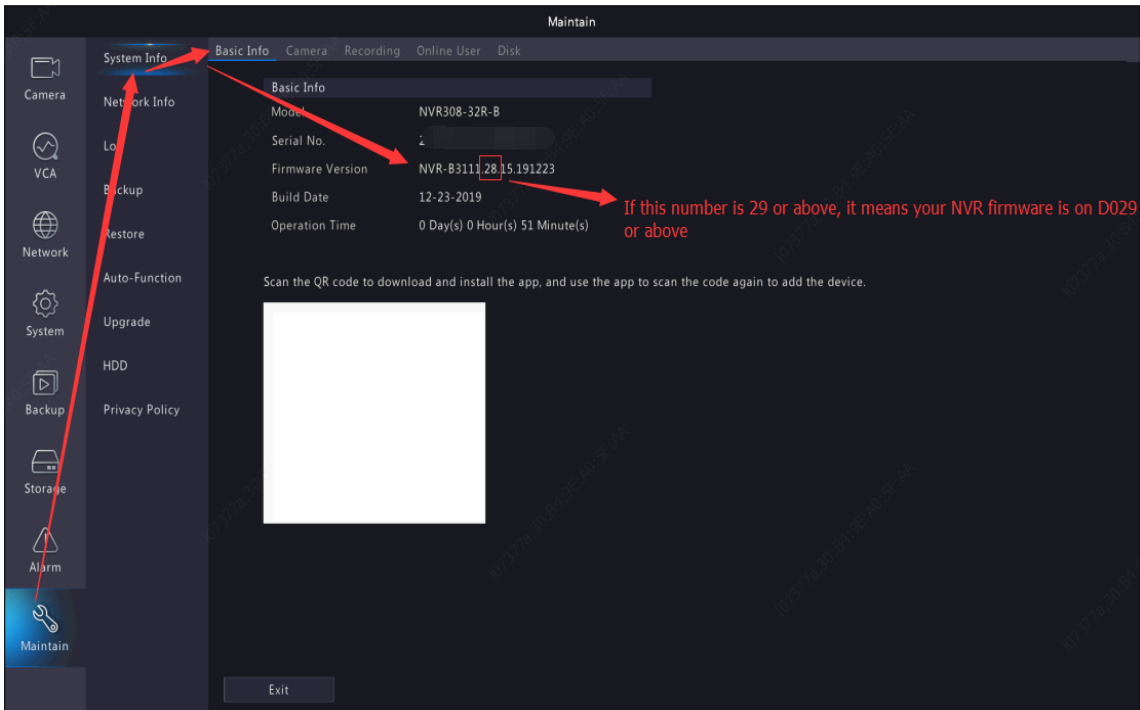
## Operating Steps

**Step 1** Check if your NVR's firmware version is on D029 or above.

You can check from the NVR's web interface or GUI on the Monitor.

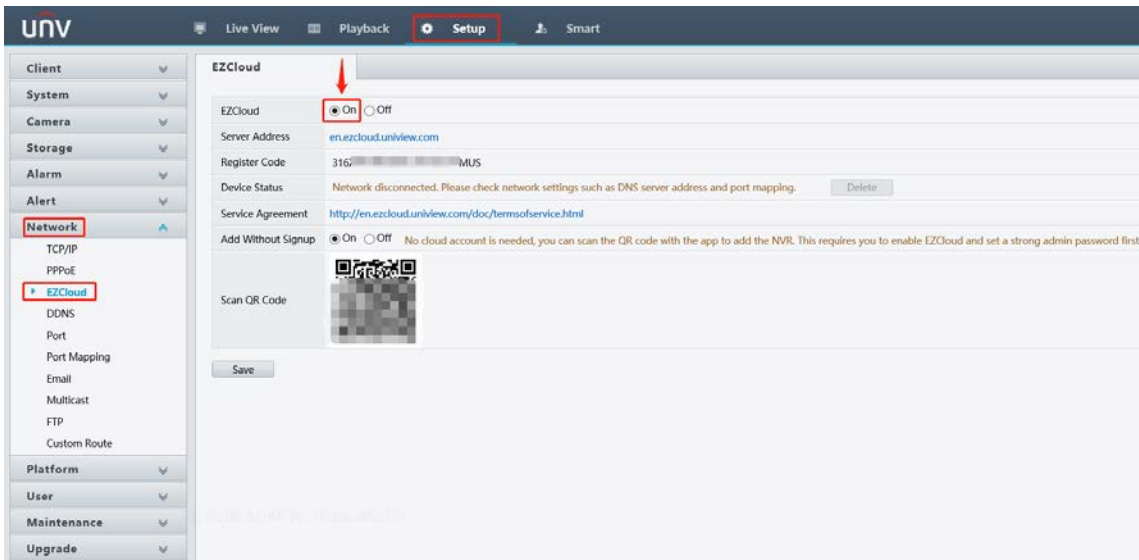


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If it's not D029 or above versions, please upgrade your NVR first and then try again.

**Step 2** Connect the NVR to the internet (Router) and set up EZCloud (Turn the function on and scan the QR code or put the register code to add the device to EZCloud).



If setting up EZCloud is not an option, you can set up port mapping.

Turn on port mapping and forward HTTP/HTTPS/RTSP ports out. Make sure the status of these 3 ports is Active, and you can use the External IP and port to access your NVR.

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**Port Mapping**

Port Mapping  On  Off

Mapping Mode: UPnP

UPnP Mapping: Auto

Port Type	External Port	External IP Address	Internal Port	Device IP	Enable	Status
HTTP Port	80		80	192.168.1.167	Yes	Active
RTSP Port	554		554	192.168.1.167	Yes	Active
HTTPS Port	443		443	192.168.1.167	Yes	Active
HTTP Redirect Port	53976		8081	192.168.1.167	Yes	Active
RTSP Redirect Port	52484		8082	192.168.1.167	Yes	Active

Note: HTTP Redirect Port and RTSP Redirect Port are used to access an IP camera in a WAN.

Save

**Port Mapping**

Port Mapping  On  Off

Mapping Mode: UPnP

UPnP Mapping: Auto

Port Type	External Port	External IP Address	Internal Port	Device IP	Enable	Status
HTTP Port	30050		80	192.168.1.167	Yes	Active
RTSP Port	35554		554	192.168.1.167	Yes	Active
HTTPS Port	54694		443	192.168.1.167	Yes	Active
HTTP Redirect Port	56456		8081	192.168.1.167	Yes	Active
RTSP Redirect Port	53738		8082	192.168.1.167	Yes	Active

Note: HTTP Redirect Port and RTSP Redirect Port are used to access an IP camera in a WAN.

Save

**Note:** You do not need to do anything to the HTTP/RTSP Redirect Port. Port mapping needs to be done both on the NVR and the router.

**Step 3** Try to access a camera's web interface through the NVR.

Find the camera which you wish to access under **Setup>Camera>Camera>Camera**, and click **Access** on the right side of the camera list for this camera to enter its web interface.

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The screenshot shows the 'Setup' page in the Uniview NVR web interface. The 'Camera' tab is selected, and the 'Advanced' sub-tab is active. There are two toggle options for 'Auto Switch to H.265' and 'Auto Switch to U-Code', both currently set to 'Off'. Below these are several action buttons: Refresh, Modify, Delete, Auto Search, Search Segment, and Switch Edit Pass. A table lists five cameras with columns for No., Camera ID, Address, Port, Remote Camera ID, Protocol, Status, Vendor, Model, Configure, and Access. The 'Access' link for the first camera is highlighted with a red box and a red arrow.

No.	Camera ID	Address	Port	Remote Camera ID	Protocol	Status	Vendor	Model	Configure	Access
1	D1 (Camera 01)	172.16.0.11	80	1	Uniview	ON	UNIVIEW	HC121@TC-GS-Z		<a href="#">Access</a>
2	D2 (IPC)	172.16.0.9	80	1	Uniview	ON	UNIVIEW	IPC204SE-ADF400MC-WL-E0		<a href="#">Access</a>
3	D3 (IP Camera C3)	172.16.0.129	80	1	Uniview	ON	UNIVIEW	IPC204SE-ADF400MC-WL-E0		<a href="#">Access</a>
4	D4 (IP Camera G4)	172.16.0.5	80	1	Uniview	ON				<a href="#">Access</a>
5	D5 (IP Camera G5)	172.16.0.6	80	1	Uniview	ON				<a href="#">Access</a>