

Title:	How to Register a Hik-Connect Account	Version:	v1.0	Date:	01/03/2017
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How to use Hik-Connect DDNS on Hik-Connect APP

What is Hik-Connect DDNS?

The full name of Hik-Connect DDNS is Hik-Connect Dynamic Domain Name Service. Once a device is added to a Hik-Connect account, the Hik-Connect DDNS server will allocate the device serial number as the default Hik-Connect domain name. Customer can edit the domain name later via Hik-Connect APP or web portal. Hik-Connect DDNS provides a mapping relationship between a domain and the device external IP & ports.

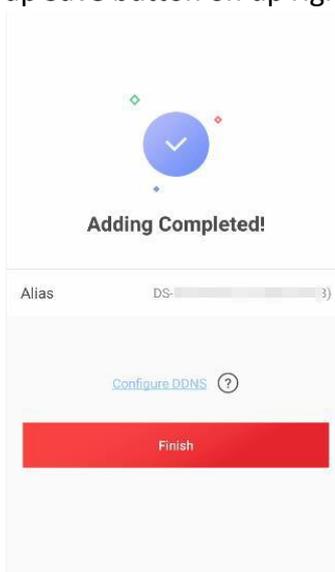
What Hik-Connect DDNS can be used for?

Hik-Connect DDNS can be used for getting stream via device domain on Hik-Connect app, logging in device via IE browser, adding devices to iVMS 4200 or adding IP cameras to NVR or DVR.

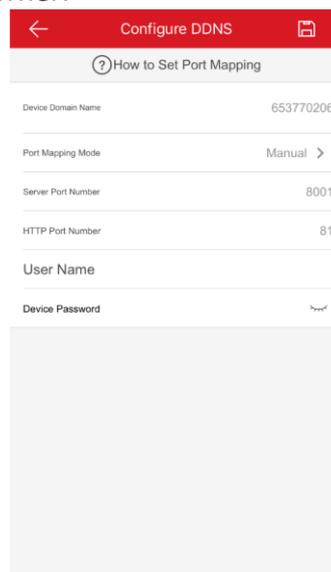
How to use Hik-Connect DDNS on Hik-Connect APP?

For adding new device:

1. Do port forwarding for the device in advance. It can be done on device or router, for detailed instruction, please refer to document how to open ports in router.
2. When adding device to Hik-Connect account by scanning QR code or manually, you can configure DDNS before tap on Finish button.
3. Select port mapping mode as manual. Input external *server port* and *http port* set in step 1.
4. Input device *user name* and *password*.
5. Tap Save button on up right corner.



Step 2



Step 3

Notes:

- a) You can go to Device Information to configure DDNS later.

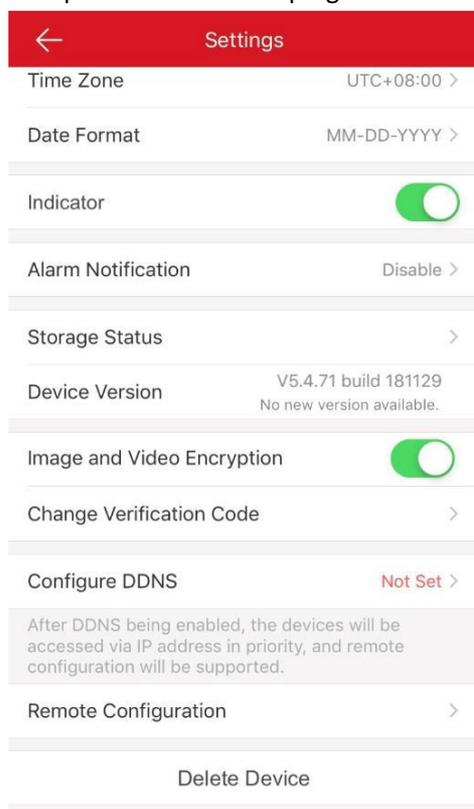
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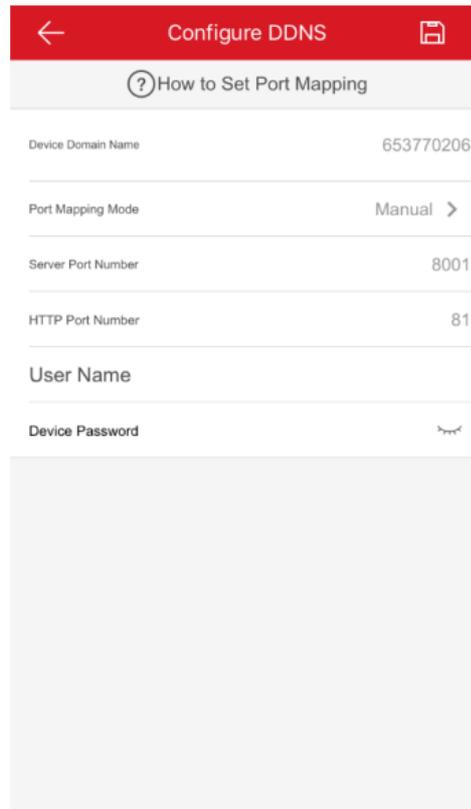
- b)** Once did ports mapping and configured ports, device user name and password, Hik-Connect APP will stream via Hik-Connect Domain (IP&ports) directly in priority, including live view and playback.
- c)** More control and configuration options will be provided when Hik-Connect Domain is set correctly.
- d)** Auto port mapping mode should be supported by device and ports will be fixed automatically once select it as auto.

For devices already exit under Hik-Connect account:

1. Do port forwarding for the device. It can be done on device or router, for detailed instruction, please refer to document how to open ports in router.
2. Slide on device name to left and tap Setting button.
3. Click Configure DDNS.
4. Select port mapping mode as manual and input external server port and http port. Input device user name and password.
5. Tap Save button on top right corner.



Step 3



Step 4

Notes:

- a)** Once did ports mapping and configured ports, device user name and password, Hik-Connect APP will stream via Hik-Connect Domain (IP&ports) directly in priority, including live view and playback.

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- b)** More control and configuration options will be provided when Hik-Connect Domain is set correctly.
- c)** Auto port mapping mode should be supported by device and ports will be fixed automatically once select it as auto.

WARNING Before Port Forwarding

Port forwarding should only be used when the devices need to be accessed via the internet. To ensure proper security configuration, please follow below points:

1. Minimize the port numbers exposed to the internet. Port forwarding should only be configured when absolutely necessary. For example, to use web service, only port 443 should be forwarded.
2. Avoid common ports and reconfigure them to customized ports. For example, port 80 is commonly used for HTTP. User is recommended to change to a customized port on the device other than port 80 for the designated service, following TCIP/IP port rule (1 –65535).

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