



## **How to add NVR to HCP using Ehome5.0 (ISUP) protocol**

<b>Title:</b>	How to add NVR to HCP using Ehome5.0 (ISUP) protocol	<b>Version:</b>	v1.0	<b>Date:</b>	12/2/2020
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## How to add NVR to HCP using Ehome5.0 (ISUP) protocol

**Function Description:** The NVR can be added to the platform using the Ehome protocol to prevent the device added on the platform from going offline when the IP address of the back-end device is changed. In addition, HCP can also use this protocol to add NVR without enabling port mapping

**Models supported by the NVR:** I series and Super series The firmware version must be V4.40 or later. The K1 (B), 71Q, and K2/k4/K8 series require firmware versions V4.30 and above.

### Configuration procedure:

#### Step 1: Enable ISUP on the WEB or local end of the NVR

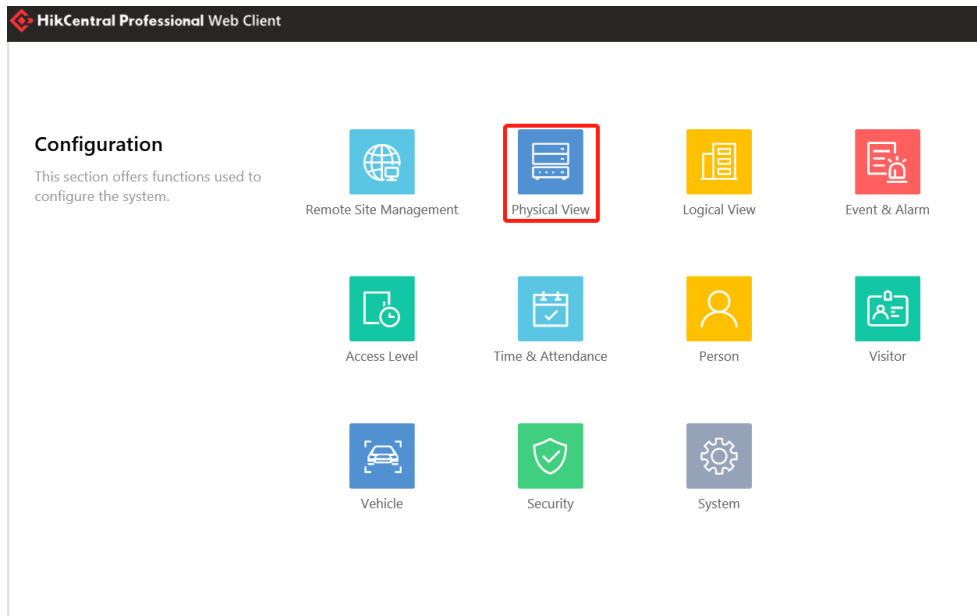
The screenshot shows the HIKVISION web interface for configuring Platform Access. The 'Platform Access Mode' is set to 'ISUP'. The 'Enable' checkbox is checked. The 'Server Address' is '10.9.99.180', the 'Port' is '7660', and the 'Device ID' is '567978281'. The 'Register Status' is 'Online' and the 'Protocol Version' is 'ISUP5.0'. The 'Encryption Key' is masked with dots. A red 'Save' button is located at the bottom of the configuration area.

1. Server Address: Enter the IP address of the server. You need to log in to the server to view the IP address.
2. Port: Enter the ehome service port number. The default value is 7660
3. Device ID: This ID is automatically generated on the WEB side of the NVR. Generally, this ID does not need to be modified.

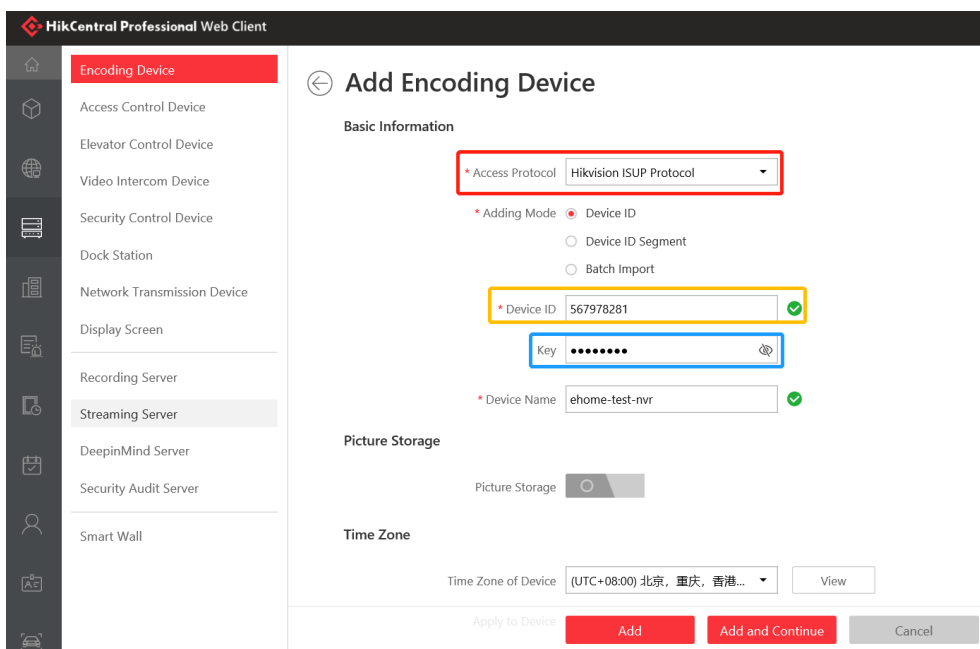
#### Step 2 :Add NVR to the HCP

When adding back-end devices in HCP, use the Device ID and Key (the password is the one set by yourself and has nothing to do with the back-end device password) to add devices to the platform, as shown in the figure below.

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### HCP platform interface



The NVR interface is added to the HCP platform

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The screenshot displays the HikCentral Professional Web Client interface. The left sidebar contains a navigation menu with categories like 'Encoding Device', 'Access Control Device', 'Elevator Control Device', etc. The main content area shows a table of encoding devices. The first row, 'ehome-test-nvr', is highlighted with a red box. Below this, there is a section for 'Online Device' which contains a table with columns for IP Address, Serial No., Device Port, HTTP Port, Subnet Mask, Gateway, Security, Added or Not, and Operation.

Device Name	Address	Device Serial No.	Version	Availabl...	Alar...	Network S...	Pass...	Operatic
ehome-test-nvr	10.9.96.36	R567978281WCVU	V4.40.016 build 2008...	1	17/11	Online	/	
NVR-test2ft	10.9.97.42	iDS-7616NXI-I28F1620200907C...	V4.1.60 build 201013	8	13/10	Offline	Weak	
2	10.9.99.129	DS-2CD6D54FWD-I2S20180524...	V5.5.34 build 200409	4	2/2	Online	Weak	
1	10.9.99.168	DS-2CD4A26FWD-I2HSP201702...	/	0	1/2	Offline	Strong	
NVR-tets	10.9.99.169	iDS-9632NXI-I84F1620180416C...	V4.21.8 build 200305	7	24/12	Online	Weak	

IP Address	Serial No.	Device Port	HTTP Port	Subnet Mask	Gateway	Security	Added or Not	Operation
10.9.99.126	DS-2DE5425I...	8126	126	255.255.255.0	10.9.99.254	Active	Not Added	
10.9.99.92	DS-2CD5A85...	8092	80	255.255.255.0	10.9.99.254	Active	Not Added	
10.9.99.111	DS-2CD1H21...	8111	111	255.255.255.0	10.9.99.254	Active	Not Added	
10.9.99.107	DS-2CD1653G...	8107	107	255.255.255.0	10.9.99.254	Active	Not Added	

NVR online HCP platform renderings



See Far, Go Further