

How to add multi-channel cameras to NVR through POE

Title:	How to add multi-channel cameras to NVR through POE	Version:	v1.0	Date:	2022/8/31
Product:	NVR			Page:	1 of 4

Document introduction

The NVR can realize the plug and play function when it is connected to the singleeye IPC through POE. However, when a multi-channel camera is added to the NVR, the NVR can normally power the camera but only the first channel of the multi-channel camera can be successfully displayed on the NVR. In fact, all channels of the camera can be displayed on the NVR side through simple configuration. The following is the configuration process.

Preparation in advance

One NVR with POE function and one multi-channel IPC (take the binocular PTZ camera as an example).

Specific operations

Step 1 Enable the POE port of NVR and make sure that the number of enabled channels is the same as the number of multi-channel cameras.

HIK	VISION	Live View	Playback	Picture	Configuration
Q	Local	PoE Channel	IP Channel		
	System	Enable/Dis	able PoE PnP		
	System Settings	Enabled			No.
1	Maintenance	2			POE1
	Security				POE2
	Camera Management				POE3
	User Management				POE4
G	Network				POE5
Q.	Video/Audio				POE6
1	Image				POE7
	Event				POE8
	Storage				
Ra	Vehicle Detection	8	Save		
63	VCA				

Step 2 The camera accesses the NVR through the POE port and the corresponding POE channel prompts that the camera status is offline (detecting). It is estimated that it will take about 1 minute to detect. After that, the channel will prompt that the camera is online.



Title:	How to add multi-channel cameras to NVR through POE	Version:	v1.0	Date:	2022/8/31
Product:	NVR			Page:	2 of 4

		and the second sec								
IP (Camera			Add		Quick Ad	d Protocol Cus	t Act	ivation]	Upgrade
	No.	Camera Name	IP Address	Channel Port	Management Port	Encryption	Status	Protocol	Join	
	D1	IPdome 01	192.168.254.6	1	8000	N/A	Offline(Detecting)	HIKVISION	J	
	D2	IPCamera 02	192.168.254.7	1	8000	N/A	Offline(IP camera	HIKVISION	4	
ve Viev	v	Playback	Picture	Configu	ration					
ve View	v annel IF	Playback 9 Channel	Picture	Configu	ration					
ve Viev PoE Cha	v annel <mark>IF</mark>	Playback <u>Channel</u>	Picture	Configu	ration					
ve View PoE Cha	v annel <mark>IF</mark> Camera	Playback P Channel	Picture	Configu	Edit Delete	Quick A	dd Protocol Cu	st	ctivation	Upgrade
Ve View PoE Cha	v annel IF Camera No.	Playback P Channel Camera Name	Picture IP Address	Configu Add Channel Port	Edit Delete Management Port	Quick A Encryption	dd Protocol Cu Status	st Ad	ctivation Joi	Upgrade
Ve View PoE Cha	Camera No.	Playback P Channel Camera Name IPdome 01	Picture IP Address 192.168.254.4	Configu Add Channel Port	Edit Delete Management Port 8000	Quick A Encryption N/A	dd Protocol Cu Status Online	st Ac Protocol HIKVISIO	ctivation I Joi	Upgrad

Step 3 After D1 channel is online, select D2 channel and click 'edit' to enter the channel parameter modification interface. Select the drop-down box in the adding method parameter and change the adding method from plug and play to manual. Then, all parameters on the camera adding page can be set.

P Address	192.168.254.5	
Protocol	HIKVISION	~
Management Port	8000	
Channel Port	1	
Jser Name	admin	
assword	•••••	
Confirm	•••••	
ransfer Protocol	Auto	~
dding Mothod	Plug-and-Play	~

Step 4 Modify the IP address of the channel in the page to the IP address of the D1 channel (here, the D1 channel IP is 192.168.254.4), and modify the channel port to 2 which means the second channel of the camera (192.168.254.4). Then input the password of the camera and save the configuration.

Title:	How to add multi-channel cameras to NVR through POE	Version:	v1.0	Date:	2022/8/31
Product:	NVR			Page:	3 of 4

P Address	192.168.254.4	0
Protocol	HIKVISION	~
Vanagement Port	8000	
Channel Port	2	0
Jser Name	admin	
password		
Confirm		
Fransfer Protocol	Auto	~
Adding Method	Manual	~

Step 5 Click 'OK', the camera has been added normally, channel 1 and channel 2 are online, all channels can be previewed normally, and the configuration is completed.



Title:	How to add multi-channel cameras to NVR through POE	Version:	v1.0	Date:	2022/8/31
Product:	NVR			Page:	4 of 4

