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## How to use N+1 hot spare in NVR

### **Description**

N+1 hot spare function is used for backup NVR. The maximum of 'N' is 32.

*Note*: This function is now supported by DS-9600NI-I series and DS-96000NI-I series NVR.

#### Preparation

We should prepare two NVRs at least, and it is recommended to keep NVRs in same model and version. Next, I will configure NVR1 as hot spare mode, and configure NVR2 as working mode.

### How to configure N+1 hot spare:

#### 1) In the local GUI of NVR 1. (Take GUI 4.0 as an example)

#### Steps:

- 1. Enter Configuration interface and select Hot spare.
- 2. Then select **Hot Spare Mode**, and click **Save** button. The NVR will reboot automatically after switch to hot spare mode.

N	<b>VR</b> 4.0		$\square  \oslash$		یر 🍥	
٩	General	Work Mode	Normal Mode		1	
2	User		Normal Mode			
	Network >	Enable	Hot Spare Mode 3			
Ē	Event >	IPv4 address of the hot spare device				
	Live View >	User Name of Hot Spare Device				
Ş	RS-232	Password of the hot spare device				
÷÷†	Holiday	Working Status				
	POS 2	"Notice: After the hot spare is enable otherwise, this function is not availabl	, you must link the working de	ice to the hot spare device,		
		4 Apply				
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#### 2) In the local GUI of NVR 2. (Take GUI 4.0 as an example)

#### Steps:

- 1. Enable Normal Mode, and enter the IP address, username, and password of hot spare NVR.
- 2. Click 'save' button, and it will show the connecting status of the two devices.

<b>NVR</b> 4.0	
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A User	
Network >	User Name of Hot Sp admin
Event >	Password of the hot
📿 Live View >	Working Status Connected
P RS-232	*Notice: After the hot spare is enabled, you must link the working device to the hot spare device, otherwise, this function is not available.
Holiday	
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3) In the local GUI of NVR 1. (Take GUI 4.0 as an example)

#### Steps:

1. Find out the IP address of NVR 2 in Device List, and add it to working device.

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÷	General		Work Mode	Hot Spare Mode		-			
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() ()	Network	>	Device List						
	Event	>		Address					
R I	Live View	>	1 🗹 10	0.9.96.26					
Ģ	RS-232								
ф I	Hot Spare								
			Add 2 Working Dev						
			No. IP Address	Connection Status		Working Status	Delete		

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4) You can check the status of working device.

Working device Status	Working Status	Explanation
Online	No record	The working device works properly, and hot spare device is unoccupied.
Offline	Bucking up	If the working device is offline, the hot spare device will be backing up.
Online	Synchronizing	If the working device is online again, the hot spare device will be
		synchronizing the record to working NVR.

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