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How to conduct network test on the device

Description: this document will show you how to conduct network test on the device

Note: This function is similar to the ping instruction, which is used to determine whether a certain IP address is connected to the physical layer.

Prerequisites: There is a physical connection with other network devices.

Section 1: where is the function in NVR

1. Network Detect

Click following step : Configuration > Network > Basic Set > Network Detect



Section 2: How do I check the network?

1. Network Card Selection

Network Card Selection has two options, one is 1 and the other is PSE. The IP address of 1 is the IPV4 address in Configuration>Network>Basic Set>TCP/IP, and is also the LAN port IP address of the device interface. The IP address of the PSE is 192.169.3.2, the subnet mask is 255.255.255.0, and the gateway address is 192.169.3.2 $_{\circ}$

Note: Generally speaking, PSE option is used for devices connected with wan port, and 1 option is used for devices connected with lan port.

2. How to use this function?



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Enter the IP address you want to check in the Destination Address, and then click test to display the result.

For example:

						_
Tiandy	Live View	Playb	ack	Log	Configuration	
Common Settings	TCP/IP	DDNS	Port Forwarding	POE Channel	Port Forwarding	Network Detect
Digital Channel						
Audio Video Set		Network Card	PSE	~		
Network		Selection				
Basic Set	Destin	ation Address	192.168.3.15		Test	
Advanced Set						
Safety management						
Event Schedule						
Advanced Intelligence	э					
Storage						
Dome Set						
System						

I use 192.168.3.15 to example.



I use 192.168.3.18 to example.





3.On the UI interface

Network Detect

Packet Backup

1. Select "Main Menu -> System Maintenance -> Network Detect -> Packet Backup" to enter the packet snapshot backup interface, as shown in the figure below.

				VCA	Cameras	Storage	Alarm Se	System S	System		Ċ
Information											
Log Management		Network Flow	Network Resource	es Statistics							
Configuration	Network Car	d Selection	Network card1								
Reset To Default	Destination	Address				Tect					
Automatic Mainta	Current Netu	unde Cond									
System Upgrade	Current Netw	vork Caro				Status Detect					
Network Detect	Device		USB1-1			Refresh	Pack	et Backup			
Disk Detection									Bad	*	

2. In the network testing field, enter the destination address to test whether the address can be pinged through.

3. Click the "Packet Snapshot Backup" button to capture the current network card and save it to the specified storage medium.

4. Click the "Status Detection" button to check whether the gateway and DNS of the current network card are accessible.

Network Flow

1. Select the "Main Menu -> System Maintenance -> Network Detect ->Network Flow" interface to view and display real-time network data, as shown in the figure below.

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Information Log Management Configuration Reset To Default Automatic Maintau System Upgrade Downloading Speed Total uploading flow Disk Detection Total downloading flow Total downloading flow Total downloading flow Total downloading flow Refresh Back	Tiandy	Playback	Backup	∆o Alert Ma	شأ VCA	Cameras	📕 Storage	🎢 Alarm Se	System S	★ System	Ф
	Information Log Management Configuration Reset To Default Automatic Mainta System Upgrade Network Detect Disk Detection	Playback Packet Backup Network Fic Uploading S Downloadin Total uploa Total down	Backup Network Flow w ippeed g Speed ding flow loading flow	Alert Ma Network Resou	VCA rcces Statistics	Cameras	Storage	Alarm Se	System S	System Back	C

Network Resource Statistics

1. Select the "Main Menu -> System Maintenance -> Network Detect -> Network Resource Statistics" interface to check the usage of network resources, as shown in the figure below.

Tiandy	Playback	E Backup	∆₀ Alert Ma	الله VCA	Cameras	🛅 Storage	Alarm Se	System S	🗶 System		()
Information Log Management	Packet Backup	Network Flow									
Configuration	Туре					Broadband					
Reset To Default	Digital chann	el access				OMb					
Automatic Mainta	Remote prev	iew				UMD OMb					
System Upgrade	Network rece	eiving remaining				400Mb					
Network Detect	Network Sen	ding remaining				200Mb					
Disk Detection								Refresh	6a	¢k	