



How to use NVR Cloud Storage function

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How to use NVR Cloud Storage function

Note:

1) There are two different ways to use NVR cloud storage function:

NVR as Storage Server: It can be added to other HCP or NVRs.

NVR as Client End: You can add Cloud Storage Server to the client NVR, such as Hikvision cloud 2.0 or another NVR (which is set as storage server).

2) For NVR Cloud Storage Function, the protocol we use is Hikvision Cloud 2.0, and it only support Hikvision Cloud 2.0.

The 3rd party cloud storage services such as Google Cloud, Baidu Cloud and Ali Cloud are not supported.

3) It only supports the storage of alarm pictures and does not support any video or data.

1. NVR As Storage Server

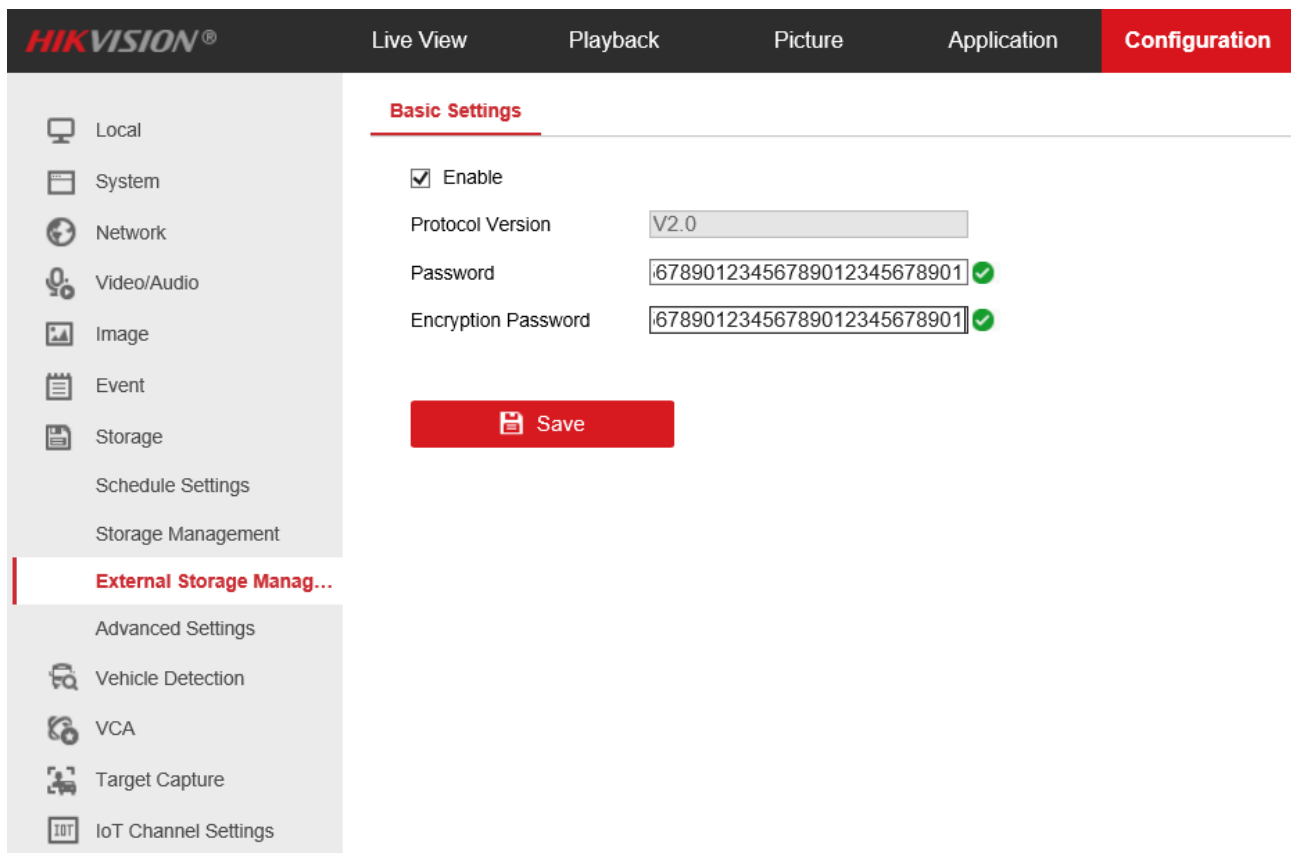
1) Support model

Super I NVR (V4.40.500 and later versions)

I series NVR(V4.22.005 and later versions)

2) Log in NVR web page, turn to Configuration - Storage - External Storage Management, click Enable, then set the Password and Encryption Password.

Note: These two passwords should be more than 32 characters, numbers and letters are supported, they can be set as the same.



3) Save the configuration and reboot NVR, you will see Storage Pool Management option in

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Storage option list.

There are two Storage Pool as default, you can also add storage pools and set the name and size of the pools.

The screenshot shows the 'Storage Pool Management' configuration page. The 'Storage Pool List' table contains the following data:

No.	Storage Pool No.	Storage Pool Name	Storage Pool Type	Overwrite Strategy	Storage Pool Peri...	Storage Pool Capac...	Storage Pool Free...
1	1	Bayonet	General Pool	Space		4470	4470
2	2	Peccancy	General Pool	Space		2235	2235

Configuration of how to add storage pool:

The screenshot shows the 'Add Storage Pool' dialog box with the following configuration:

- Storage Pool Type: General Pool
- Storage Pool Name: (empty field)
- Overwrite Strategy: Space
- Storage Pool Capacity (GB): (empty field)

Now your NVR has been set as the Cloud Storage Service.

- 4) When adding NVR Cloud Storage Server, you should fill in the information.
 Here we take the configuration of adding Server NVR by HCP as an example:
 Address - It is the Server IP, here should be Server NVR'S IP address
 Picture Downloading Port - 6120 (fixed)
 Signaling Gateway Port - 6011 (fixed)
 Access Key - Password
 Secret Key - Encryption Password.

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HikCentral Professional Web Client

Add Recording Server

pStor
 Hybrid Storage Area Network
 Network Video Recorder
 Cloud Storage Server
 pStor Cluster Service

Basic Information

* Address: 10.9.96.93 ✓

* Control Port: 8000

* Network Port: 80

* Picture Downloading Port: 6120

* Signaling Gateway Port: 6011

* Access Key: 01234567890123456789012345678901 ✓

* Secret Key: 01234567890123456789012345678901 ✓

Enable WAN Access:

* Alias: test ✓

* User Name: admin

* Password: ●●●●●● Weak ✓

Alias	Address	Type	Recording Stat...	Hot Spare Pro...	Network ...	Operation
test	10.9.96.93	Network Video Recorder			Online	

2. NVR as Client

1) Support model

All GUI 4.0 and EUI versions.

2) Turn to Configuration – Storage – Storage Management – Cloud Storage and fill the parameters to add cloud storage server

Protocol Version - support cloud 2.0 only

Server IP - the IP address of Cloud Storage Server (here we take another NVR that have

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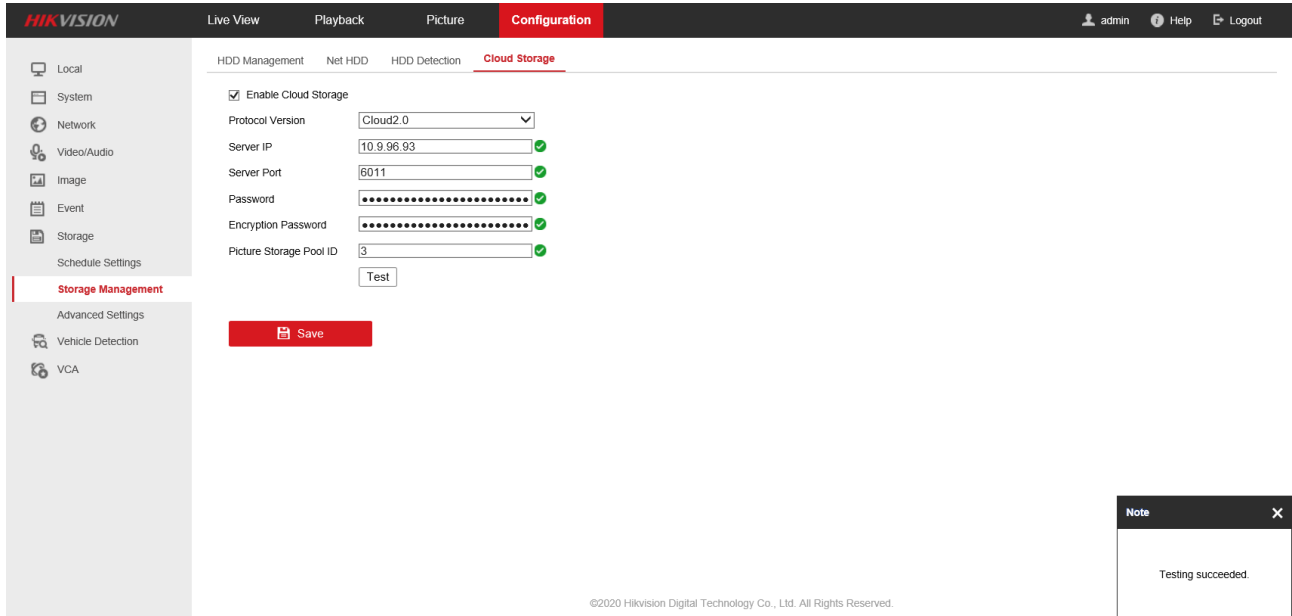
configured to Cloud Storage Server as an example)

Server Port - 6011(fixed)

Password/Encryption Password – According to the pre-set in the Cloud Storage Server

Picture Storage Pool ID – According to the pre-set in the Cloud Storage Server

Note: You can click **Test** bottom to check if the connection successes.



The screenshot shows the Hikvision NVR configuration interface. The top navigation bar includes 'Live View', 'Playback', 'Picture', and 'Configuration'. The 'Configuration' section is active, and the 'Cloud Storage' sub-tab is selected. The configuration form includes the following fields:

- Enable Cloud Storage
- Protocol Version: Cloud2.0
- Server IP: 10.9.96.93
- Server Port: 6011
- Password: [Masked]
- Encryption Password: [Masked]
- Picture Storage Pool ID: 3

Below the form is a red 'Save' button and a 'Test' button. A 'Note' dialog box is open in the bottom right corner with the text 'Testing succeeded.' The footer of the page reads '©2020 Hikvision Digital Technology Co., Ltd. All Rights Reserved.'



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