



Network Storage 806 Series

Quick Start Guide

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Preface

Applicable Models

This manual is applicable to the models listed in the following table.

Series	Model
DS-A80600S-I	DS-A80624SI
	DS-A80636SI

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 Note	Provides additional information to emphasize or supplement important points of the main text.
 Caution	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 Danger	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

Safety Instructions

- Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end-user.
- In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region. Please refer to technical specifications for detailed information.
- Input voltage should meet both the SELV (Safety Extra Low Voltage) and the Limited Power Source with 100 to 240 VAC or 12 VDC according to the IEC60950-1 standard. Please refer to technical specifications for detailed information.
- Do not connect several devices to one power adapter as adapter overload may cause overheating or a fire hazard.
- Please make sure that the plug is firmly connected to the power socket.

If smoke, odor or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.

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Chapter 1 Equipment Installation

1.1 Check the Packing List

Please check the packing list to ensure that all items are complete.

1.2 Product Appearance Introduction

1.2.1 Front panel

The front panel of the 24 and 36 slots devices is shown in Figure 1-1 and Figure 1-2. The order of the HDD positions is on the left side of the chassis.



Figure 1-1 Front Panel of a 24 Slot Device



Figure 1-2 Front Panel of 36 Slot Device

Please refer to Table 1-1 for the description of the buttons and indicators.

Table 1-1 Button and Indicator Description

Icon	Name	Description
	Power button and indicator	Green light solid on: The device is on, and the power supply is working normally. Long press for 4 seconds: Shutdown. Long press for 10 seconds: Forced shutdown.
	Locate button and indicator	Blue light blinking: The device is being located. Blinking will stop after 10 minutes.
	Mute button and alarm indicator	Red light blinking with buzzing: There are alarm event(s) exist. - Warning: Blinking 1 time per second. - Serious: Blinking 2 times per second. - Emergency: Blinking 4 times per second.
	Ready indicator	Red light solid on: Device is starting up. Green light solid on: Device is ready.

Icon	Name	Description
	HDD indicator	Green light solid on: HDD is operating normally. Red light solid on: HDD(s) are disconnected/abnormal/incompatible.
	Network indicator	Green light solid on: Network operating normally. Red light solid on: Network cable is unplugged / Network interface exception.
	System HDD status indicator	Green light solid on: System HDD is running normally. Red light solid on: Not enough storage space.
	VGA interface	/
	USB interface	Connect to mouse, keyboard or USB flash drive.

1.2.2 Rear panel

The rear panel diagram of the 24-slot device is shown in Figure 1-3, and the interface description can be referred to in Table 1-2.

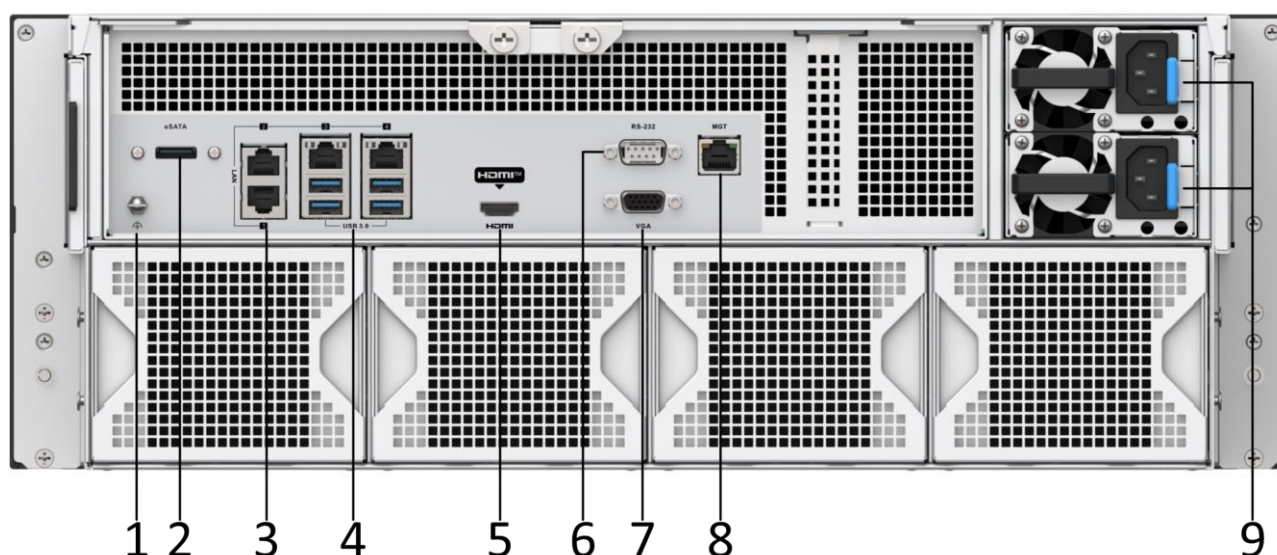


Figure 1-3 24-Slot Device Rear Panel

Table 1-2 24-Slot Device Rear Panel Interface Description

Number	Name	Number	Name
1	GND	6	RS-232 interface
2	eSATA interface	7	VGA interface
3	LAN network interface	8	Management network interface
4	USB 3.0	9	Power supply
5	HDMI interface		

The rear panel illustration of the 36-slot device is shown in Figure 1-4. Refer to Table 1-3 for interface description.

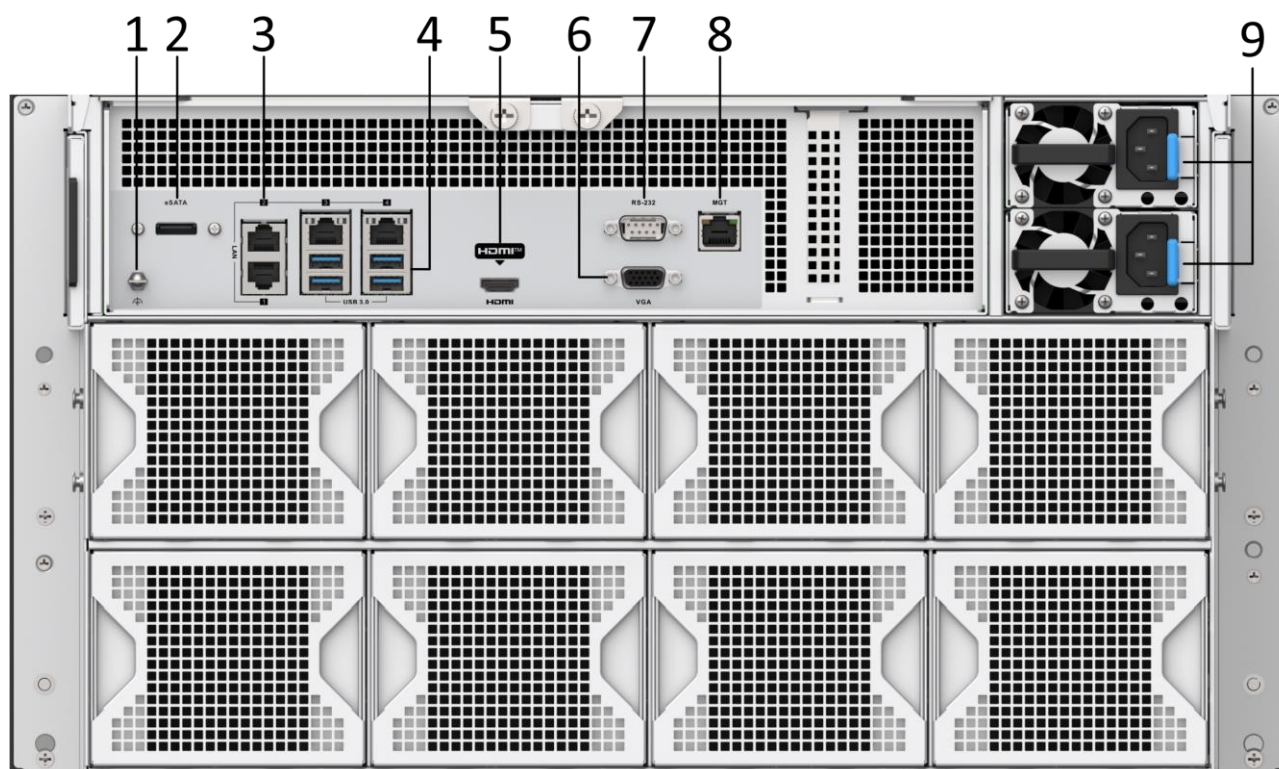


Figure 1-4 36-Slot Device Rear Panel

Table 1-3 36 Slot Device Back Panel Interface Description

Number	Name	Number	Name
1	GND	6	RS-232 interface
2	eSATA interface	7	VGA interface
3	LAN network interface	8	Management network interface
4	USB 3.0	9	Power supply

Number	Name	Number	Name
5	HDMI interface		

1.3 Installation

This chapter will explain the installation steps for HDDs.

Step 1 Use the key to unlock the panel and remove the front panel chassis.

Step 2 Pull out the side of the front panel with the panel lock at an angle less than 10°, and then slide it horizontally to the left to remove the front panel. Be careful to avoid bending or damaging the golden fingers on the right side of the front panel.

Step 3 Lift the blue spring latch on the hard drive tray to the left to pull out the handle, and then extract the hard drive tray along the guide rails from the chassis.

Step 4 Disassemble the support bracket of the HDD tray.

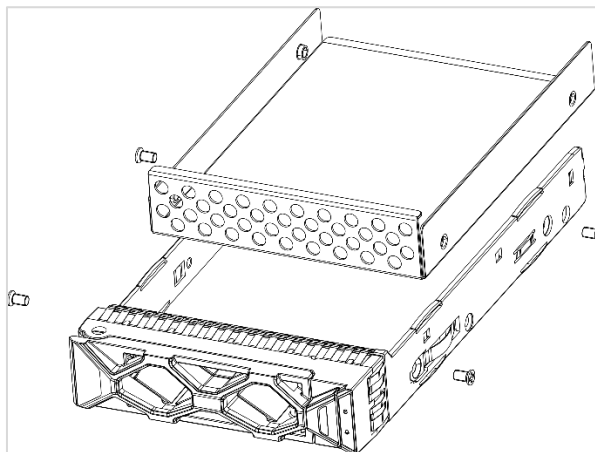


Figure 1-5 Remove the Hard Drive Tray Bracket

Step 5 Secure the HDD to the tray using 4 screws.

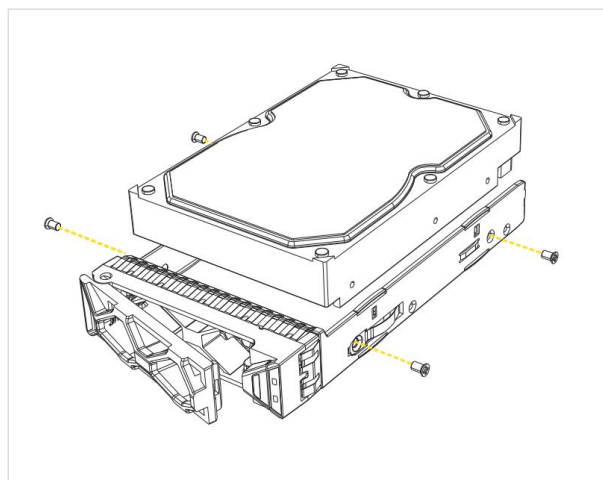


Figure 1-6 Secure the HDD to the Tray

Step 6 Insert the hard drive tray into the chassis following the direction shown in the diagram, and push it fully along the rails until it clicks into right place.

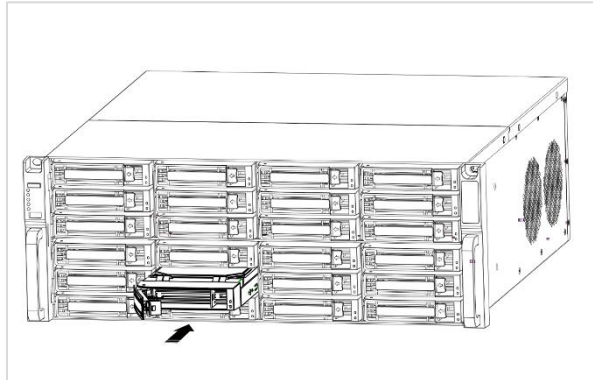


Figure 1-7 Plug in the HDDs

Step 7 Press down the handle to close the blue spring latch, and ensuring the HDDs are properly install and locked.

 Note

Repeat Step 3 to 6 to install additional HDDs.

Step 8 Reattach the front panel and lock it with the key.

Chapter 2 System Configuration

2.1 Login and Activation

Connect the network interface of the notebook to the management network port of the storage device using an Ethernet cable.

Set the IP address of the PC to be in the same subnet as the storage device management network port, with the default management port IP address being 10.254.254.254. For example, set the notebook's IP address to 10.254.254.100 and the subnet mask to 255.255.255.0.

Access the activation interface by using a browser on a laptop to visit <https://10.254.254.254>, and set a login password during activation. After entering the password, activate and enter the system as shown in the following figure.

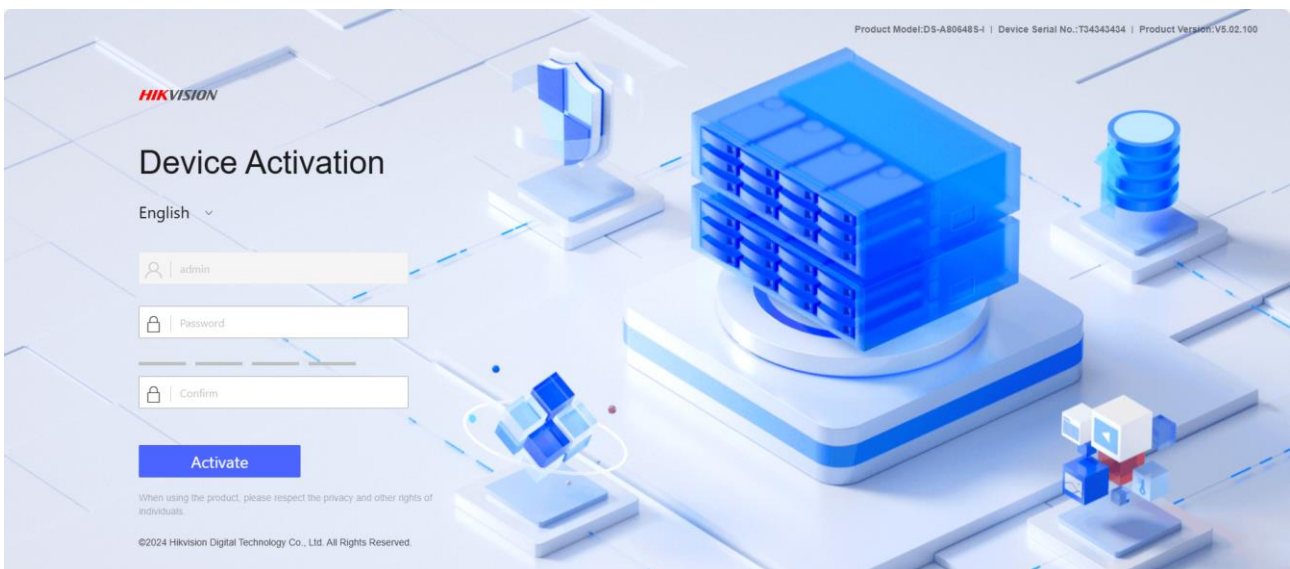


Figure 2-1 Device Activation

Set a security question for account security after creating a password.

Account Security Settings

Security Question Configuration

Security Question1
What is your father's name?
Answer

Security Question2
What is your mother's name?
Answer

Security Question3
What is the name of your teacher in charge of class in senior high school...
Answer

Export GUID File

Note: The GUID file is very important which can help you to retrieve your password. It is highly recommended to export and keep the GUID file properly.

Export

Figure 2-2 Account Security Settings



Caution

Principles your password creation should follow:

- The password should be 8 to 16 characters long. The password should contain at least 2 character types, such as digits, uppercase letters, lowercase letters, and special characters.
- Do not use risky password:
- The password should not contain user name, "123" and "admin" (case-insensitive), consecutive increasing or decreasing digits of four or more (such as 1234, 12345, 4321), four or more consecutive identical characters (such as 1111, 8888, "aaaa") and any risky passwords in risky password list.

After logging into the system, if there is no operation within five minutes, for security reasons, the system will log out.

After forgetting the password, the password can be retrieve by using the device network search (SADP), GUID, answers of security questions and reserved e-mail.

2.2 Initialization Configuration

After you log in, the system will perform an environment check, and after the check, you will enter the initial configuration page.

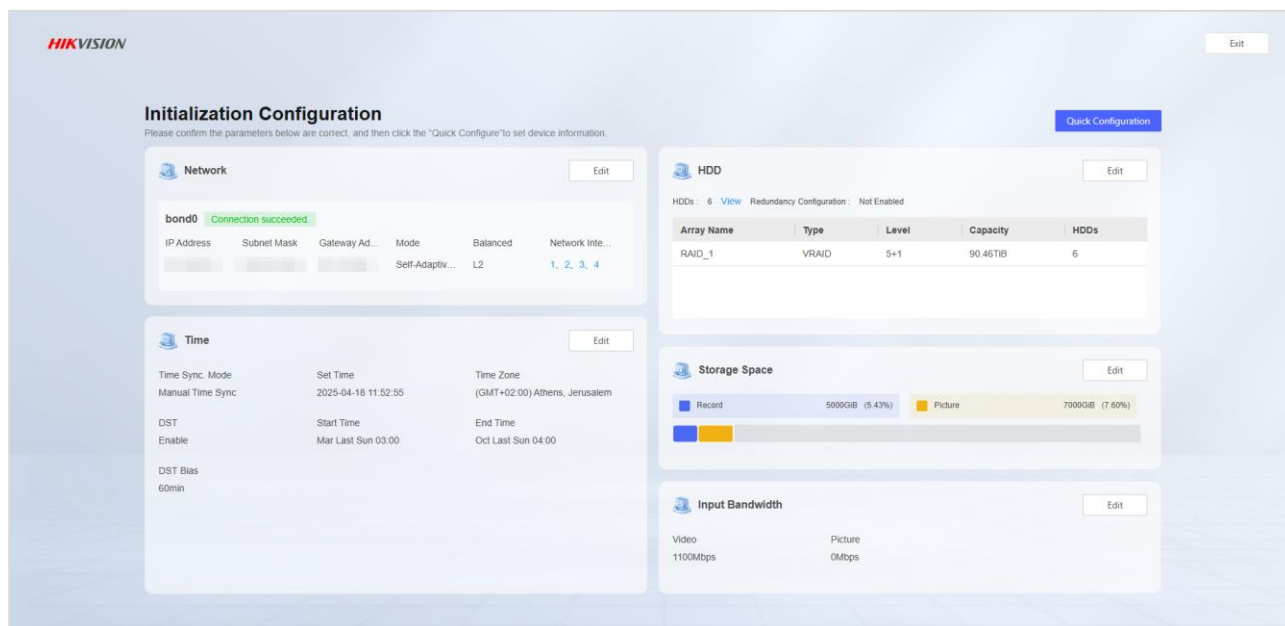


Figure 2-3 Initial Configuration

Step 2 (Optional) Click **Edit** to configure port aggregation.

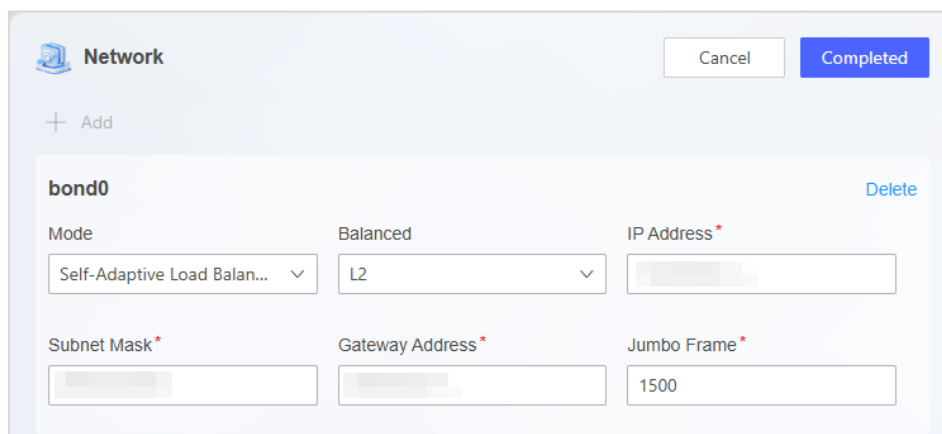


Figure 2-4 Network Configuration

Step 3 (Optional) Set device time.

Time Cancel Completed

Time Sync Mode: Manual Time Sync

Time Zone: (GMT+02:00) Athens, Jerusalem

Set Time: 2025-04-18 11:52:55 Sync with comput...

Enable DST: ☒

DST Bias: 01:00:00

Start Time: Mar Last Sun 03

End Time: Oct Last Sun 04

Figure 2-5 System Time

HDD Edit

HDDs: 6 [View](#) Redundancy Configuration: Not Enabled

Array Name	Type	Level	Capacity	HDDs
RAID_1	VRAID	5+1	90.46TiB	6

Figure 2-6 HDD Configuration

Storage Space Edit

Record: 5000GiB (5.43%)

Picture: 7000GiB (7.60%)

Input Bandwidth Edit

Video: 600Mbps

Picture: 500Mbps

Figure 2-7 Storage Space and Input Bandwidth Configuration

Step 4 Click **Quick Configuration** on the upper-right corner of this page to start.

Note

The quick configuration process will keep running in the background if you exit the web page.

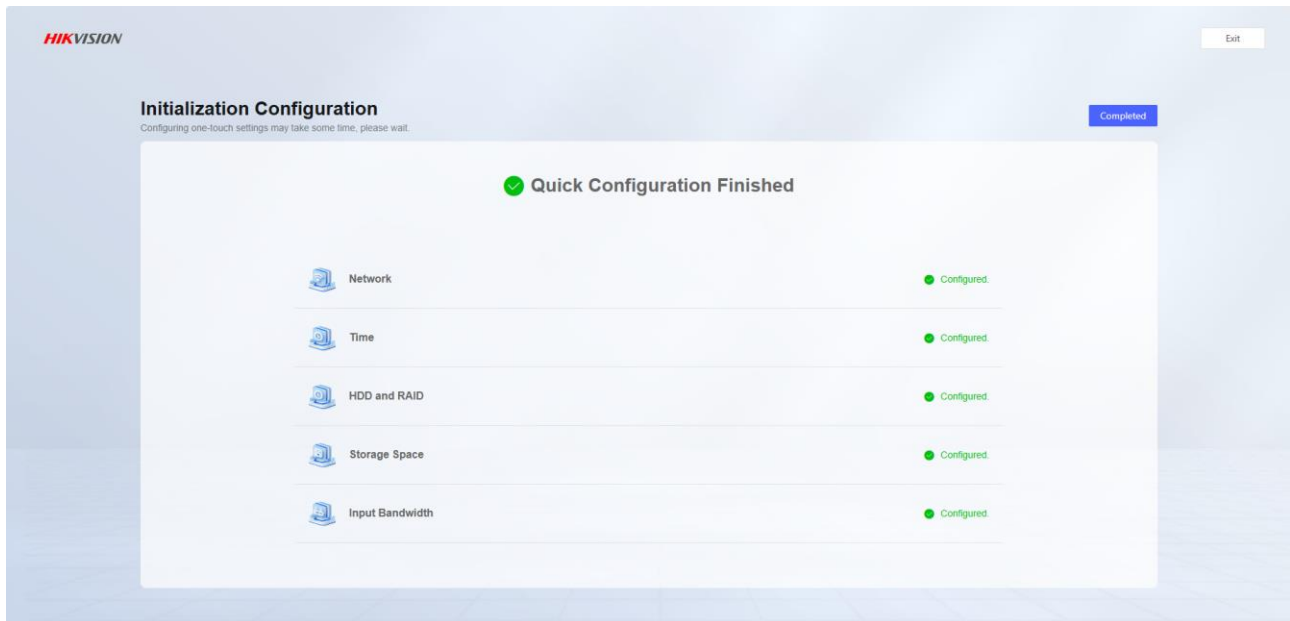


Figure 2-8 Configuration Finished

Chapter 3 Business Configuration

Before business configuration, access the system by visiting <http://the IP address of the bound network port> using a web browser and log in.

3.1 Add Channel

Step 1 Click **Channel Management** to enter the page.

Step 2 Click **Add**.

Step 3 Select the addition method.

- Add Single IP: Add a single channel.
- Add IP Segment: Add all channels within the IP address range.

Step 4 Fill in the channel parameters.

- Protocol: The protocol used for the channel, supports customization.
- Management Port: The management port of the channel, supporting the selection of "Default Port" or "Custom", with the default being 8000.
- Username, password: Fill in if there are relevant settings for the channel.
- Transmission Protocol: Data transmission protocol, optional "Adaptive", "TCP", or "UDP".

Step 5 Click **Test** to test connectivity when adding a single IP address.

Step 6 (Optional) Click **Continue to Add** to add the next device.

✕

Camera Setup

After the channel is added, it will be associated with the first recording pool by default. You can adjust the association in "Storage Management > Storage Pool".

Add Single IP
Add IP Segment

IP Address *

Protocol

HIKVISION

▼

Management Port *

Protocol M...

Custom

▼

8000

User Name

admin

Password

Custom

▼

🔒

Transfer Protocol

Auto

OK

Continue to Add

Cancel

Figure 3-1 Add Single IP Channel

3.2 Configure Storage Pool

This section includes basic operations for storage pools: adding, editing, deleting, and adjusting storage pool space. After adding a storage pool, it is necessary to associate channels with the storage pool.

3.2.1 Add Storage Pool

Step 1 Click **Storage Management** → **Storage Pool** → **Storage Pool** to enter the page.

Step 2 Click **Add**.



Note

Maximum of 7 recording pools and 1 picture pool can be created.

Step 3 Configure storage pool parameters.

- **Storage Space:** The recording estimation tool can be used to calculate the required space allocation for the storage pool.
- **Estimated Recording Cycle:** Click **Calculate** to estimate the supported recording cycle based on the current storage space and channel number.

- **Recording Cycle Execution:** After enabling this function, recordings will be stored according to the configured recording cycle.

Add Storage Pool

Type*

☒ Recording Pool ☐ Picture Pool

Name*

Storage Space* [Estimate Tool for Recording Duration](#)

Min. Space 2200 GiB, Remaining Quota Space 0 GiB

Select Channel

Search

☒ Select All

☐ IPC

☒ Channel is not connect...

☒ [D1] Channel 1

☒ [D2] Channel 2

☒ [D3] Channel 3

☒ [D4] Channel 4

☒ [D5] Channel 5

Estimated Recording Cycle

Calculate

Record Cycle Execution

☐

After enabling, recordings are stored according to the configured recording cycle.

OK Cancel

Figure 3-2 Add Storage Pool

3.2.2 Edit/Delete Storage Pool

Step 1 Click **Storage Management** → **Storage Pool** → **Storage Pool** to enter the page.

Step 2 Hover around the storage pool card, and then click **Edit** or **Delete**.

Step 3 Edit or delete storage pool.

Step 4 Click **OK** to complete the operation.



Caution

After deleting the recording pool, the channels that bound to the recording pool will be unavailable to record. Please reassign a recording pool for the channels before deleting.

3.2.3 Adjust storage pool space

Step 1 Click **Storage Management** → **Storage Pool** → **Storage Pool** to enter the page.

Step 2 Click **Adjust Storage Pool Space**.

Step 3 Adjust the space of each storage pool as needed.

- Enter Remaining Quantity: Allocate all unconfigured capacity to the specified storage pool.
- Estimate Tool for Recording Duration: Calculate the required storage space based on video specifications, or calculate the recording cycle based on encoder bandwidth and storage space.

Adjust Storage Pool Space

Allocate enough space in the recording pool to ensure the channel can record normally. Note: reducing the space in the recording pool will shorten the recording cycle.

Total Capacity 18319GiB Not Configured 13319GiB [Estimate Tool for Recording Duration](#)

+

Add Storage Pool

Legend	Name	Capacity		Operation
	111	5000 GiB	27.29%	Enter ... Delete

OK

Cancel

Figure 3-3 Adjust storage pool space

3.2.4 Link Channel

Supports the configuration of channels associated with storage pools.

Click on **Storage Management** → **Storage Pool** → **Storage Pool** to enter the page.

Click the storage pool that needs to be adjusted.

Manage the linked channels on needs.

- **Linked Channel** : Add Linked Channel.
- **Move To** : Move the selected channel to another storage pool.
- **Remove Channel** : Batch remove selected channels.
- : Search associated channels by name.

3.3 Configure Recording Schedule

Step 1 Click **Storage Management** → **Recording Schedule** to enter the page.

Step 2 Click the channel that needs to be configured to view the configuration plan details.

Note

If the recording schedule is not configured for the channel, the camera will not start recording.

- Select the timing, event, or motion detection type, and drag the mouse to select the scheduled period.
- Select **Erase** can cancel the allocation of the selected time period.
- When the mouse hovers, it supports adjusting the schedule time with precision to the minute.

Step 3 Click **Save** to apply the plan configuration.

Schedule Details

Continuous Event Motion D... Erase

00 02 04 06 08 10 12 14 16 18 20 22 24

Mon

Tue

Wed 00 : 00 – 24 : 00

Thu

Fri

Sat

Sun

00 02 04 06 08 10 12 14 16 18 20 22 24

Save Copy to...

Figure 3-4 Configure Recording Schedule

Step 4 (Optional) Click **Copy to** to copy the schedule to other channels.

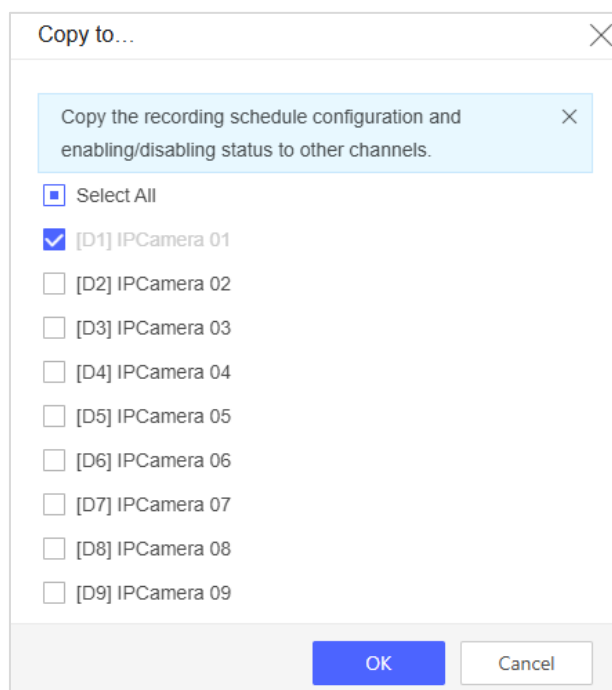


Figure 3-5 Copy Plan

3.4 Live View

Supports live view of channel video, and you can select the pane for the live view channel.

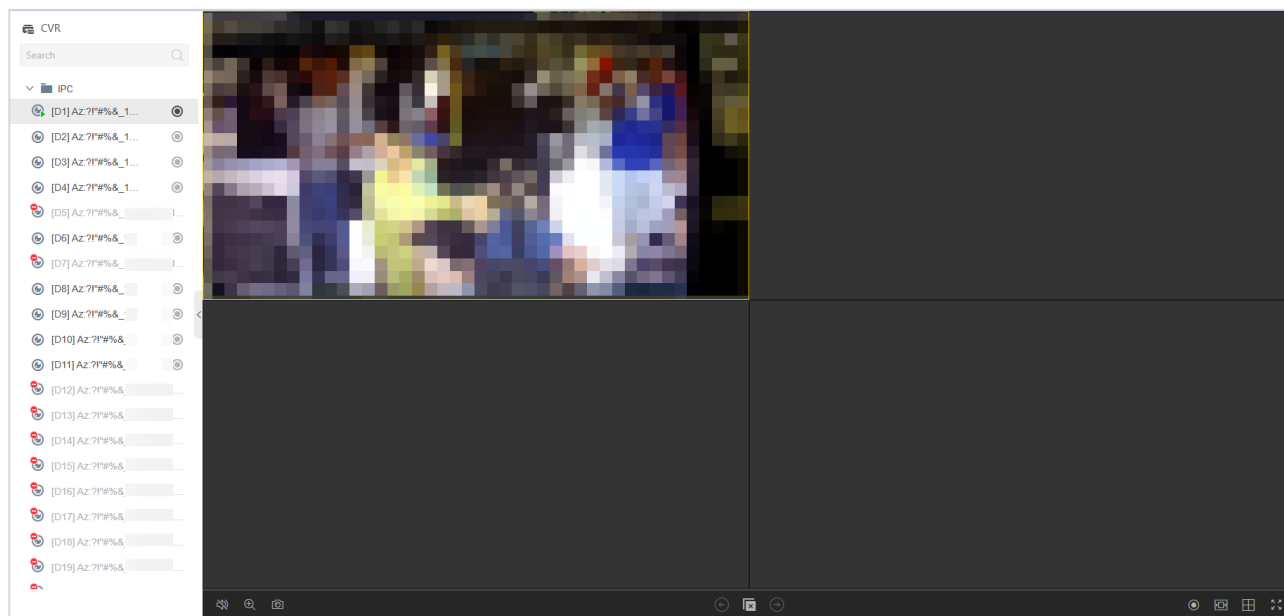


Figure 3-6 Live View

- In the live view interface, you can preview images, record videos, and capture pictures.
- The split screen mode supports 1, 4, 9, and 16.
- Detailed function key introduction is shown in the following table.

Table 3-1 Live View Interface Function Buttons

Button	Function Description
 / 	Start All Live View / Stop All Live View
 / 	Previous/Next Page The button is only available after starting all live view.
 	Mute/Volume Adjustment
	Electronic Amplification. After enabling, use the mouse scroll wheel to zoom in or out of the live view.
	Capture
	Split Screen
	Start All Recording
	Live View Ratio Supports 4:3, 16:9, Original Ratio, and Auto.
	Full-Screen



See Far, Go Further

UD42513B