



DS-6700HTHI Series Encoder

Quick Start Guide

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Applicable Models

This manual is applicable to the model(s) listed in the following table.

Series	Model
DS-6700HTHI-4K	DS-6701HTHI-4K

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 100~240 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.

Preventive and Cautionary Tips

Before connecting and operating your device, please be advised of the following tips:

- Ensure unit is installed in a well-ventilated, dust-free environment.
- Unit is designed for indoor use only.
- Keep all liquids away from the device.
- Ensure environmental conditions meet factory specifications.
- Ensure unit is properly secured to a rack or shelf. Major shocks or jolts to the unit as a result of dropping it may cause damage to the sensitive electronics within the unit.
- Use the device in conjunction with an UPS if possible.
- Power down the unit before connecting and disconnecting accessories and peripherals.
- A factory recommended HDD should be used for this device.
- Improper use or replacement of the battery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the battery manufacturer.

Chapter1 Panels Description

1.1 Front Panel

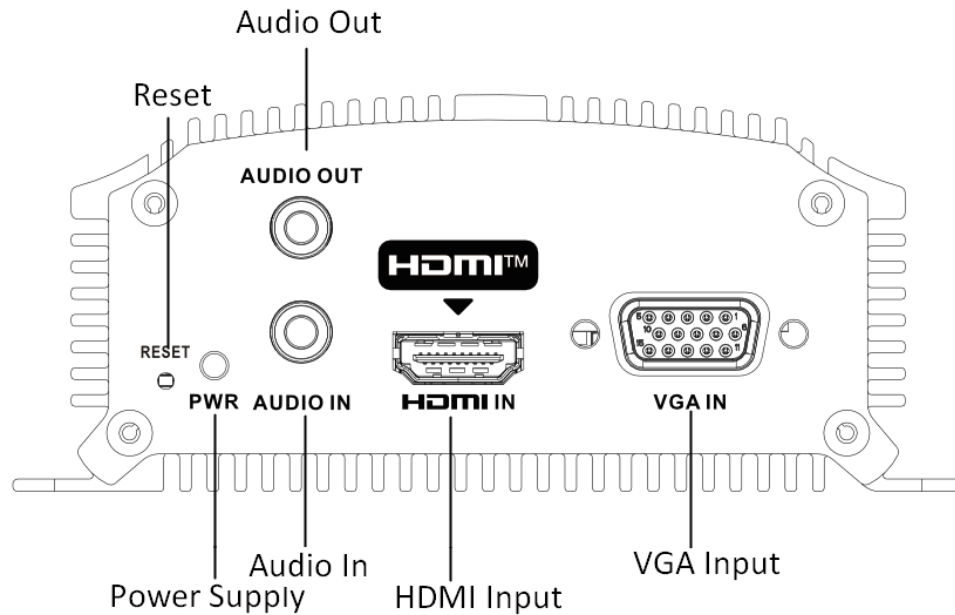


Figure 1-1 Front Panel

1.2 Rear Panel

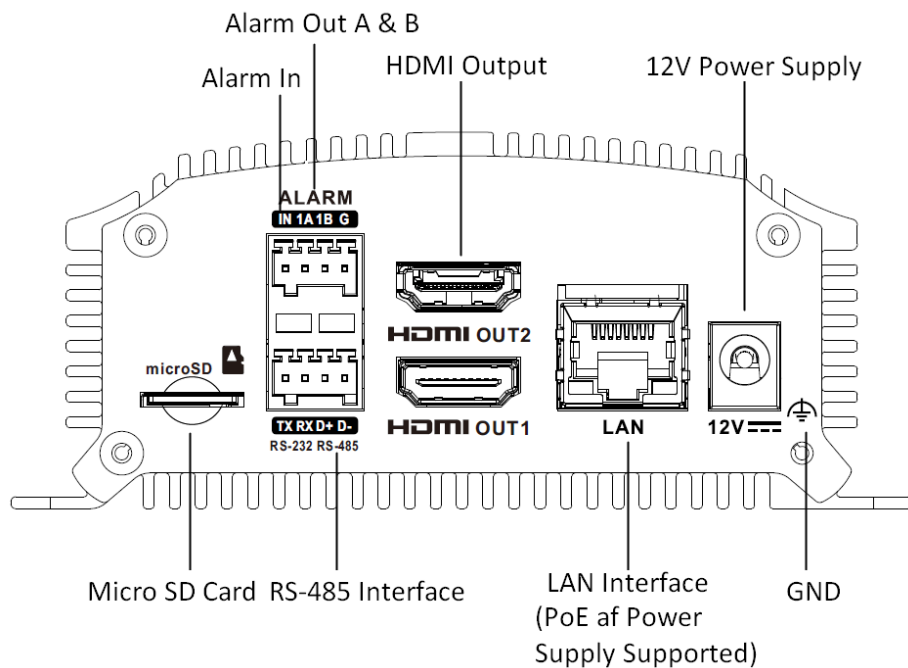


Figure 1-2 Rear Panel

Chapter 2 Installation and Connections

2.1 Installation

During installation of the device:

- Use brackets for rack mounting.
- Ensure ample room for audio and video cables.
- When routing cables, ensure that the bend radius of the cables are no less than five times than its diameter.
- Connect the alarm cable.
- Allow at least 2cm (≈0.75-inch) of space between racks mounted devices.
- Ensure the device is grounded.
- Environmental temperature should be within the range of -10° C to +55° C (+14° F to +131° F).
- Environmental humidity should be within the range of 10% to 90%.

2.2 Connections

2.2.1 Video and Audio

Video Connection

Connect the HDMI or VGA video source to the HDMI or VGA interface of the device.

Audio Connection

You can connect the audio source to HDMI (with audio) or AUDIO IN of the device. AUDIO IN has the two-way audio function. Both AUDIO IN and AUDIO OUT are available for 3.5 mm connector.

Before using two-way audio function, please select the **Video Type** to **Video & Audio** under **Configuration > Video/Audio > Video** via web browser.

2.2.2 Alarm Input and Output

Alarm Input Wiring

The alarm input is an open/closed relay. Connect the positive pole (+) of alarm input to ALARM IN of the device, connect the negative pole (-) of alarm input to ground (G) of the device.



NOTE

If the alarm input is not an open/close relay, please connect an external relay between the alarm input and the device.

Alarm Output Wiring

To connect to an alarm output (AC or DC load), use the following diagram:

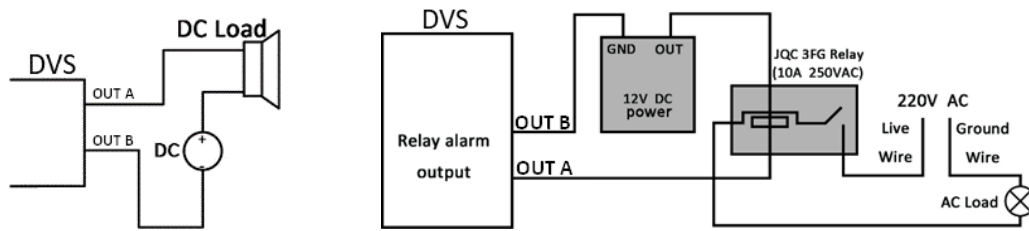


Figure 2-1 Alarm Output Wiring

For DC load, the jumper can be used within the limit of 12V/1A safely.

To connect an AC load, the jumper should be left open (you must remove the jumper on the motherboard in the device). Use an external relay for safety (as shown in the figure above).

There is one jumper (JP 1) on the motherboard, and it corresponds to the alarm output. By default, the jumper is disconnected. To connect an AC load, the jumper should be removed.

Example:

If you connect an AC load to the alarm output of the device, then you must remove the JP 1 jumper.

Chapter 3 Menu Operation

3.1 Start up Your Device

Purpose:

Proper startup and shutdown procedures are crucial to expanding the life of the device.

Check the power supply is plugged into an electrical outlet. It is **HIGHLY** recommended that an Uninterruptible Power Supply (UPS) be used in conjunction with the device.

Power on the device, the Power indicator on the front panel will turn red, and the device begins to start.

If the device is turned on, and you have pressed the reset button for over 5 seconds, the device will be restored to factory defaults.

You can power off your device to shut it down.

3.2 Activate Your Device

Purpose:

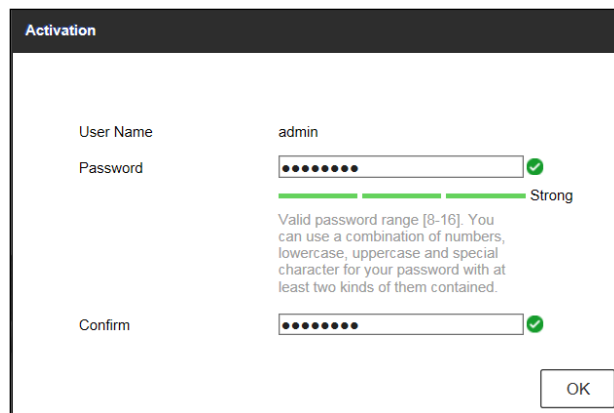
For the first-time access, you need to activate the device by setting an admin password. No operation is allowed before activation.

Before you start:

The default IP address of the device is 192.168.1.64. Ensure you are on the same network segment with the device. It is recommended to change the default IP address after your access.

Step 1 Enter the IP address into the address bar via web browser, and press **Enter** on PC.

Step 2 Enter the same password in **Password** and **Confirm**.



The screenshot shows a web browser window titled "Activation". It contains a form with three input fields: "User Name" with the value "admin", "Password" with masked characters and a green checkmark, and "Confirm" with masked characters and a green checkmark. A green progress bar is shown below the Password field, labeled "Strong". A text box below the progress bar states: "Valid password range [8-16]. You can use a combination of numbers, lowercase, uppercase and special character for your password with at least two kinds of them contained." An "OK" button is located at the bottom right of the form.

Figure 3-1 Set Password

 NOTE

We highly recommend you create a strong password of your own choosing (Using a minimum of 8 characters, including at least three of the following categories: upper case letters, lower case letters, numbers, and special characters.) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your product.

Step 3 Click **OK** to activate the device.

 NOTE

After the device is activated, you should properly keep the password.

3.3 Login

Purpose:

If the device has logged out, you must log into the device before operating the menu and other functions.

Step 1 Enter the device IP address (e.g., <http://192.168.1.64>) into the address bar via web browser, and press **Enter** on PC. It will display the login interface.

 NOTE

When the HTTPS feature is enabled, the system will use the HTTPS login mode (e.g., <https://192.168.1.64>) by default. You can also input <http://IP address/index.asp> (e.g., <http://192.168.1.64/index.asp>) if you want to use HTTP mode to log into the device.

Step 2 Enter the user name and password to log into the system.

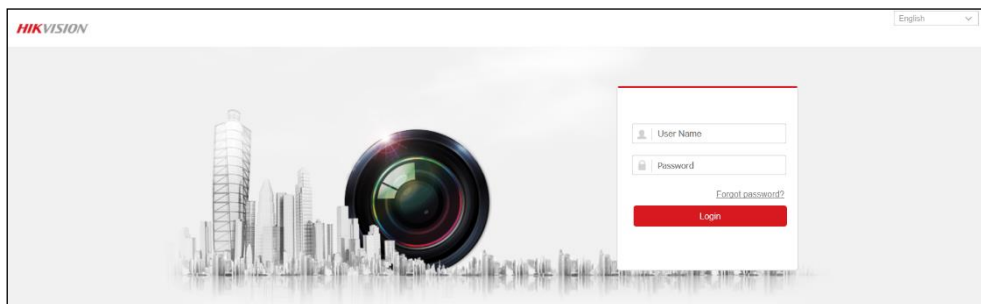


Figure 3-2 Login Interface

Step 3 Click **Login**.

 NOTE

If you enter the wrong password 7 times, the current user account will be locked for 60 seconds.

3.4 Start Live View

You will enter the live view interface after login.

- You can select a window and double click a camera from the list to play the video.
- Use the toolbar at the playing window bottom to achieve functions like capture, audio on/off, full-screen, etc.



Figure 3-3 Live View

Table 3-1 Description of Toolbar

Icon	Description
	Select the window-division mode with 1/4/9/16
	Start/Stop live view
	Select main stream or sub-stream
	Start/Stop two-way audio
	Capture pictures in live view mode
	Manually start/stop recording
	Enable digital zoom
	Previous/Next page
	Audio on/off
	Switch to full-screen live view mode.

3.5 Playback

The recorded video files can be remotely played back via web browser.

Step 1 Click **Playback**.

Step 2 Click the camera from the device list for playback.

Step 3 Select the date from the calendar.



Figure 3-4 Playback Interface

Step 4 Set **Stream Type**.

Step 5 Click **Search**.

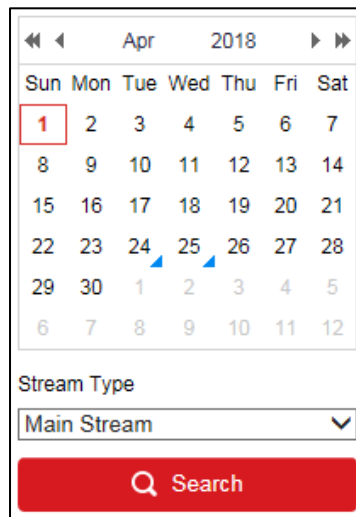
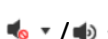


Figure 3-5 Select Date and Stream Type for Search

Step 6 Click ► to play the video file searched on the current date.

Table 3-2 Description of Toolbar

Icon	Operation	Icon	Operation
	Select window-division mode		Reverse playback

	Play/Pause		Stop playing
	Slow forward		Fast forward
	Play by single frame		Stop all channels from playing
	Capture pictures in playback mode		Download video files
	Start/Stop clipping video files		Audio on/off
	Enable digital zoom		Full screen

3.6 Configuration

In **Configuration**, you can configure system parameters, including network, audio, etc.



See Far, Go Further