



DS-6900UDI Series Decoder




Quick Start Guide

Applicable Models

This manual is applicable to DS-6900UDI series decoder.

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.
 WARNING	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.

Chapter 1 Overview



The appearances and interfaces vary with different models. The actual device prevails.

1.1 DS-6901UDI

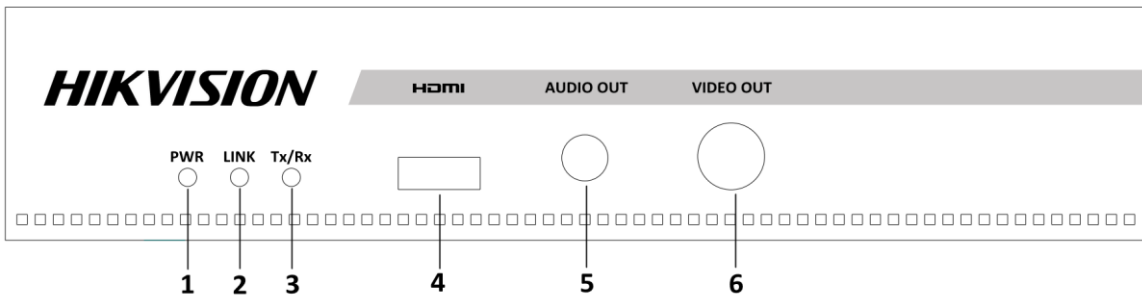


Figure 1-1 Front Panel

Table 1-1 Front Panel Description

No.	Description	No.	Description
1	Power supply indicator, red for normal working status	4	HDMI interface
2	Network status indicator	5	Audio output interface
3	Network transmission indicator, flashing yellow when data is transmitting	6	Video output interface

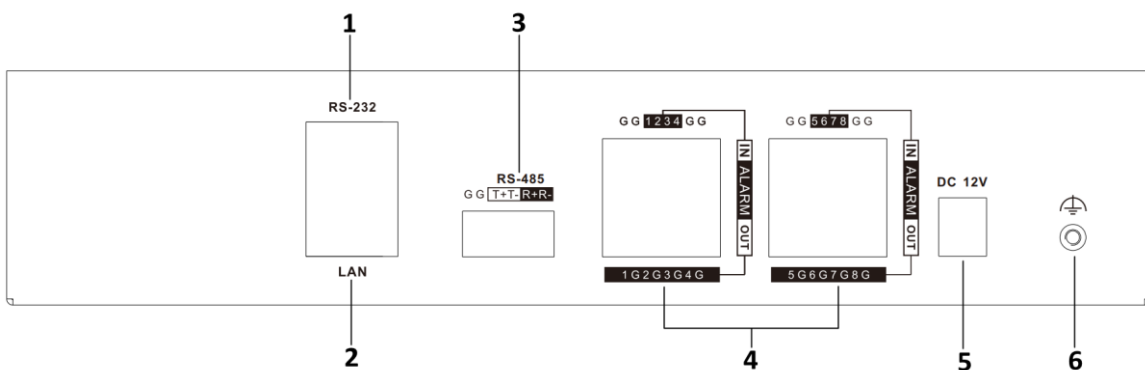


Figure 1-2 Rear Panel

Table 1-2 Rear Panel Description

No.	Description	No.	Description
1	RS-232 interface	4	Alarm input/output interfaces

2	Network interface	5	Power input
3	RS-485 interface	6	GND

1.2 DS-6904UDI

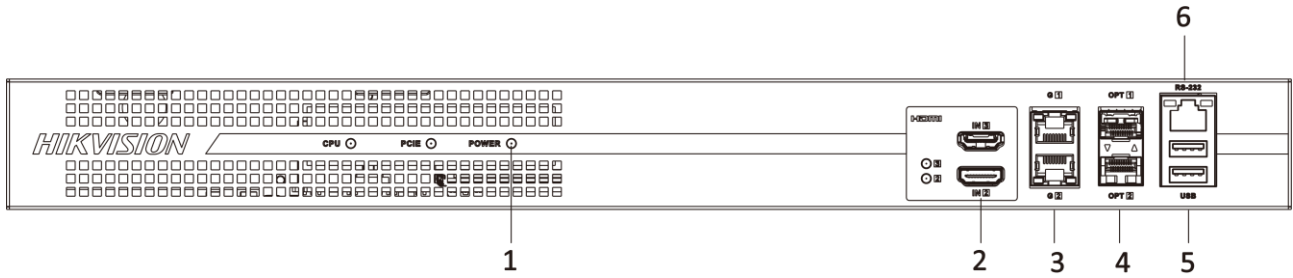


Figure 1-3 Front Panel

Table 1-3 Front Panel Description

No.	Description	No.	Description
1	Power supply indicator, red for normal working status	4	1000 M optical interface
2	HDMI in interfaces	5	USB 2.0 interface
3	1000 M electrical interface When the electrical interface is connected, the transmission status indicator on the upper left of the interface is flashing yellow, and the connection status indicator on the upper right is unlit.	6	RS-232 interface

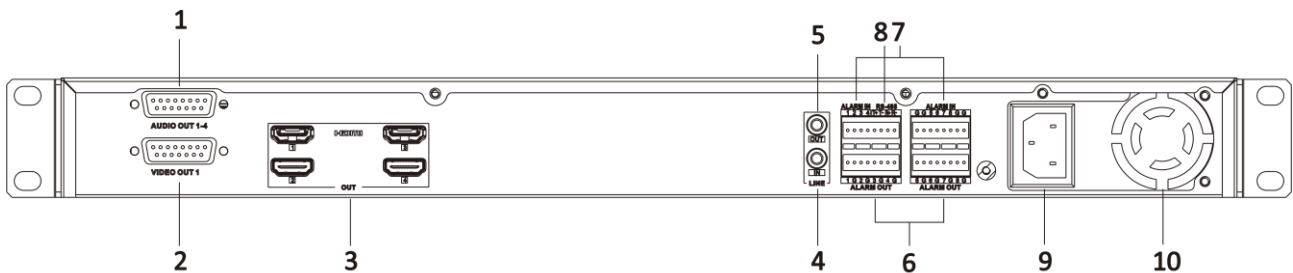


Figure 1-4 Rear Panel

Table 1-4 Rear Panel Description

No.	Description	No.	Description
1	Audio output interface	6	Alarm output interfaces

2	Video output interface	7	Alarm input interfaces
3	HDMI out interfaces	8	RS-485 interface
4	Line in interface	9	Power input
5	Line out interface	10	Power supply fan

1.3 DS-6908UDI

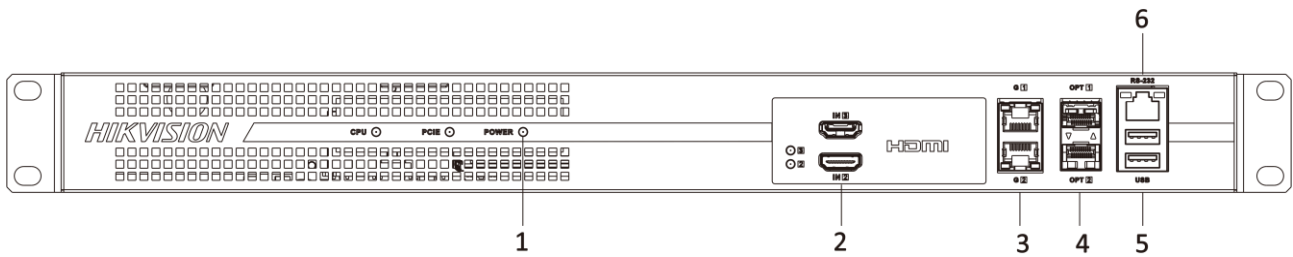


Figure 1-5 Front Panel

Table 1-5 Front Panel Description

No.	Description	No.	Description
1	Power supply indicator, red for normal working status	4	1000 M optical interface
2	HDMI in interfaces	5	USB 2.0 interface
3	1000 M electrical interface When the electrical interface is connected, the transmission status indicator on the upper left of the interface is flashing yellow, and the connection status indicator on the upper right is unlit.	6	RS-232 interface

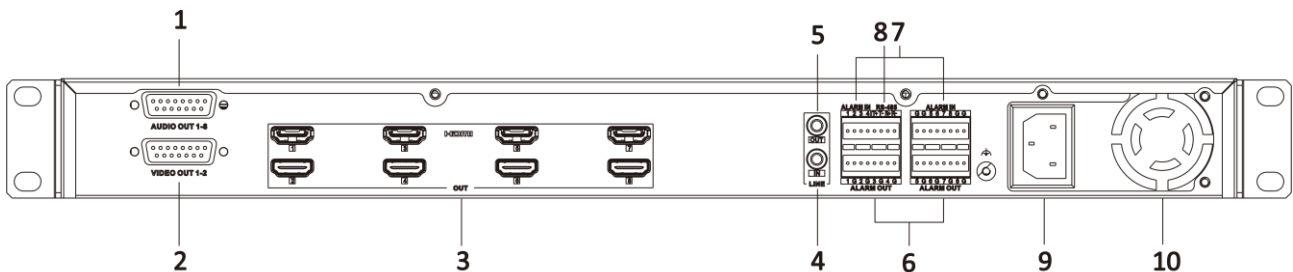


Figure 1-6 Rear Panel

Table 1-6 Rear Panel Description

No.	Description	No.	Description
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1	Audio output interface	6	Alarm output interfaces
2	Video output interface	7	Alarm input interfaces
3	HDMI out interfaces	8	RS-485 interface
4	Line in interface	9	Power input
5	Line out interface	10	Power supply fan

1.4 DS-6910UDI

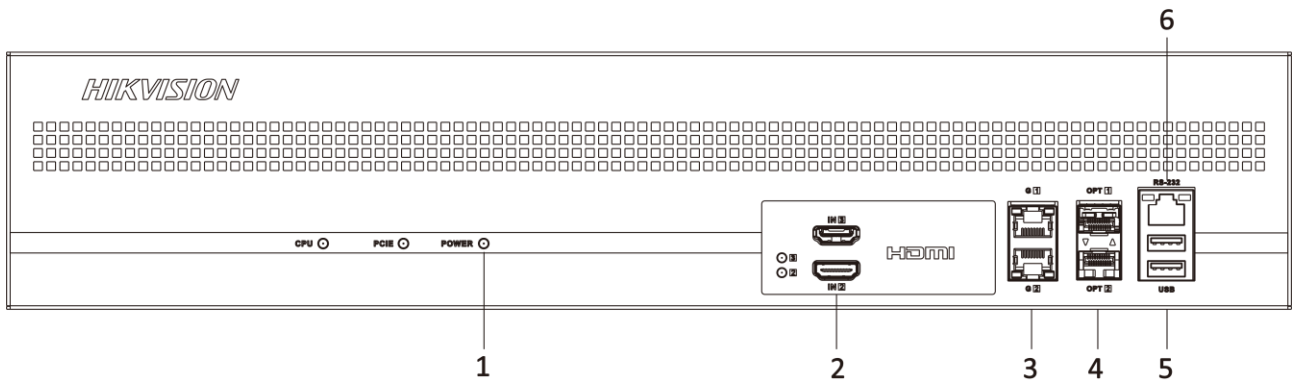


Figure 1-7 Front Panel

Table 1-7 Front Panel Description

No.	Description	No.	Description
1	Power supply indicator, red for normal working status	4	1000 M optical interface
2	HDMI in interfaces	5	USB 2.0 interface
3	1000 M electrical interface When the electrical interface is connected, the transmission status indicator on the upper left of the interface is flashing yellow, and the connection status indicator on the upper right is unlit.	6	RS-232 interface

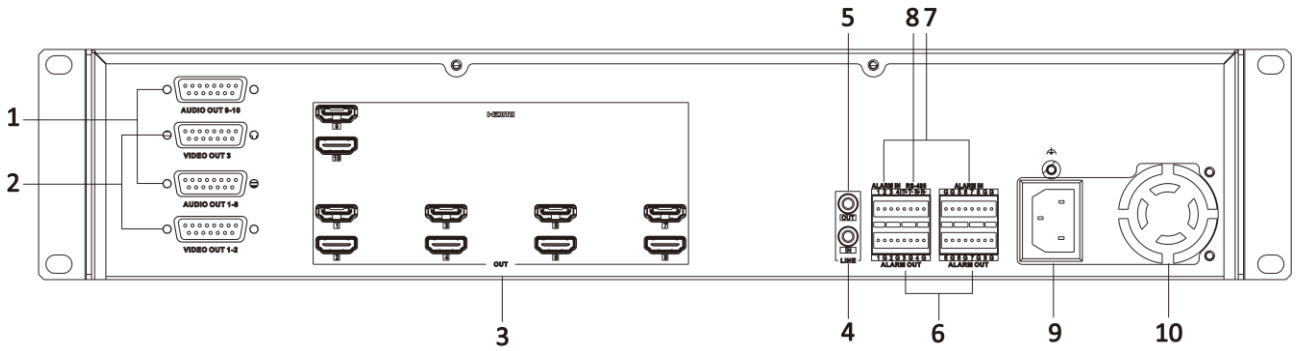


Figure 1-8 Rear Panel

Table 1-8 Rear Panel Description

No.	Description	No.	Description
1	Audio output interface	6	Alarm output interfaces
2	Video output interface	7	Alarm input interfaces
3	HDMI out interfaces	8	RS-485 interface
4	Line in interface	9	Power input
5	Line out interface	10	Power supply fan

1.5 DS-6912UDI

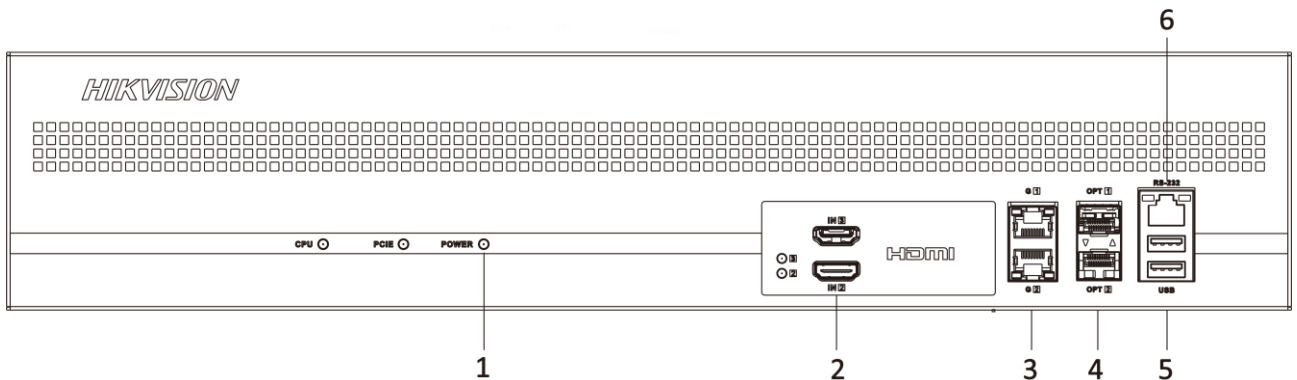


Figure 1-9 Front Panel

Table 1-9 Front Panel Description

No.	Description	No.	Description
1	Power supply indicator, red for normal working status	4	1000 M optical interface
2	HDMI in interfaces	5	USB 2.0 interface

3	<p>1000 M electrical interface</p> <p>When the electrical interface is connected, the transmission status indicator on the upper left of the interface is flashing yellow, and the connection status indicator on the upper right is unlit.</p>	6	RS-232 interface
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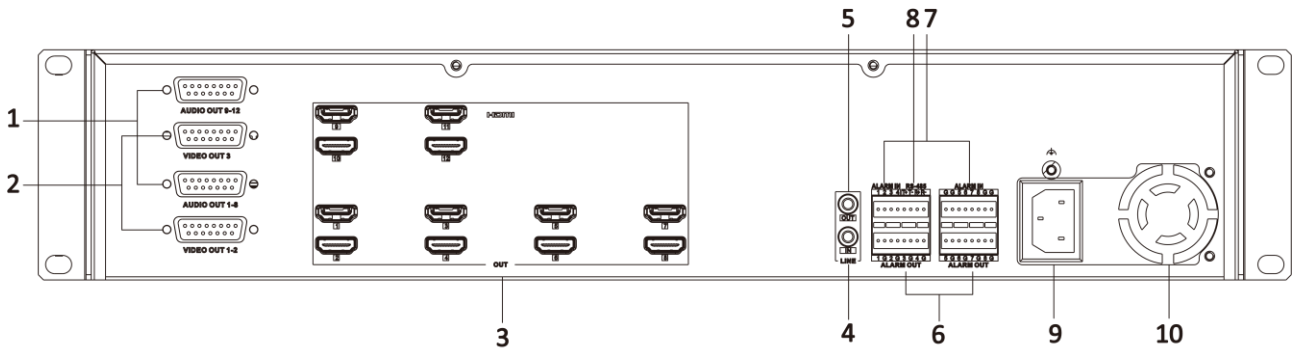


Figure 1-10 Rear Panel

Table 1-10 Rear Panel Description

No.	Description	No.	Description
1	Audio output interface	6	Alarm output interfaces
2	Video output interface	7	Alarm input interfaces
3	HDMI out interfaces	8	RS-485 interface
4	Line in interface	9	Power input
5	Line out interface	10	Power supply fan

1.6 DS-6916UDI

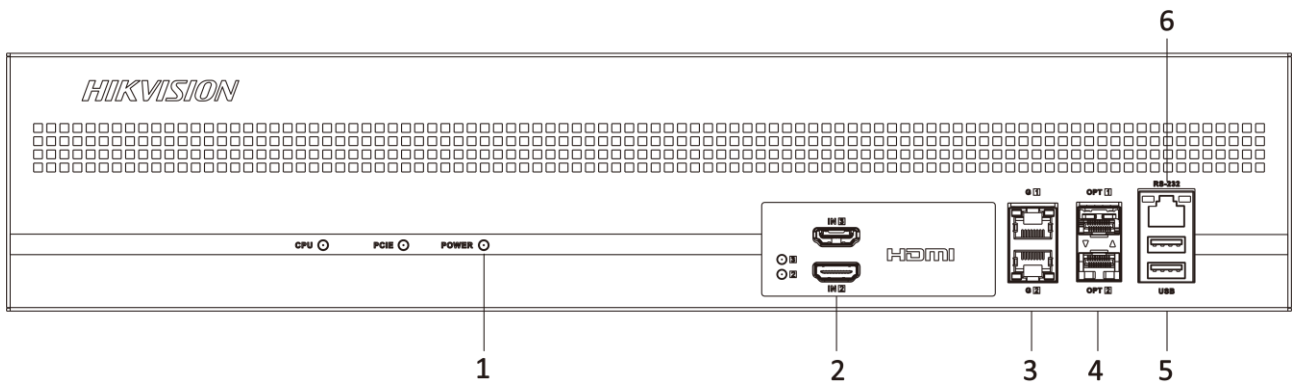


Figure 1-11 Front Panel

Table 1-11 Front Panel Description

No.	Description	No.	Description
1	Power supply indicator, red for normal working status	4	1000 M optical interface
2	HDMI in interfaces	5	USB 2.0 interface
3	1000 M electrical interface When the electrical interface is connected, the transmission status indicator on the upper left of the interface is flashing yellow, and the connection status indicator on the upper right is unlit.	6	RS-232 interface

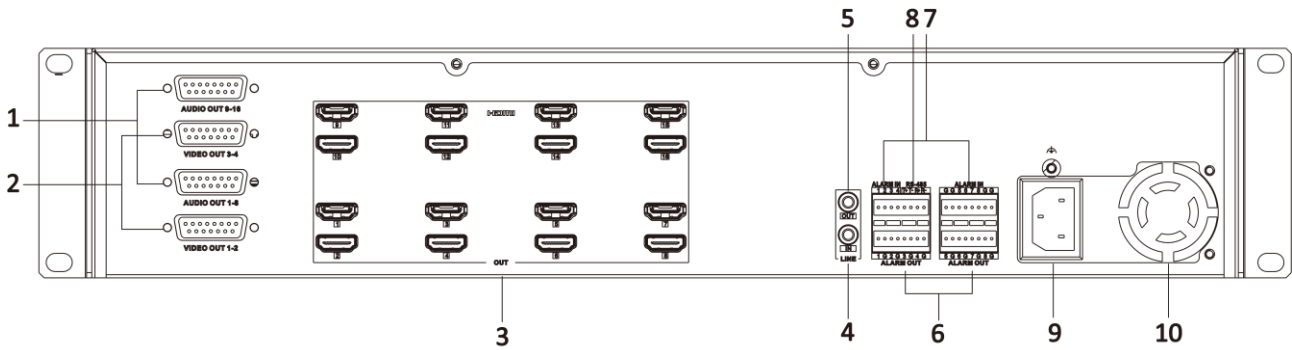


Figure 1-12 Rear Panel

Table 1-12 Rear Panel Description

No.	Description	No.	Description
1	Audio output interface	6	Alarm output interfaces
2	Video output interface	7	Alarm input interfaces
3	HDMI out interfaces	8	RS-485 interface
4	Line in interface	9	Power input
5	Line out interface	10	Power supply fan

Chapter 2 Activation and Login

2.1 Activation

For the first-time access, you need to activate the device by setting an admin password. No operation is allowed before activation. The device supports multiple activation methods, such as activation via SADP software, web browser, and iVMS-4200 Client.



NOTE

Refer to the user manual of iVMS-4200 Client for the activation via client software.

2.1.1 Default Information

The device default information is shown as below.

- Default IP address: 192.0.0.64
- Default user name: admin

2.1.2 Activate via SADP

SADP is a tool to detect, activate, and modify the IP address of the device over the LAN.

Before You Start

- Get the SADP software from the supplied disk or the official website (<http://www.hikvision.com/>), and install it according to the prompts.
- The device and the computer that runs the SADP tool should belong to the same network segment.

The following steps show how to activate one device and modify its IP address. For batch activation and IP address modification, refer to *User Manual of SADP* for details.

Step 1 Run the SADP software and search the online devices.

Step 2 Find and select your device in online device list.

Step 3 Enter a new password (admin password) and confirm the password.



NOTE

STRONG PASSWORD RECOMMENDED-We highly recommend you create a strong password of your own choosing (using a minimum of 8 characters, including 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 4 Click **Activate** to start activation.

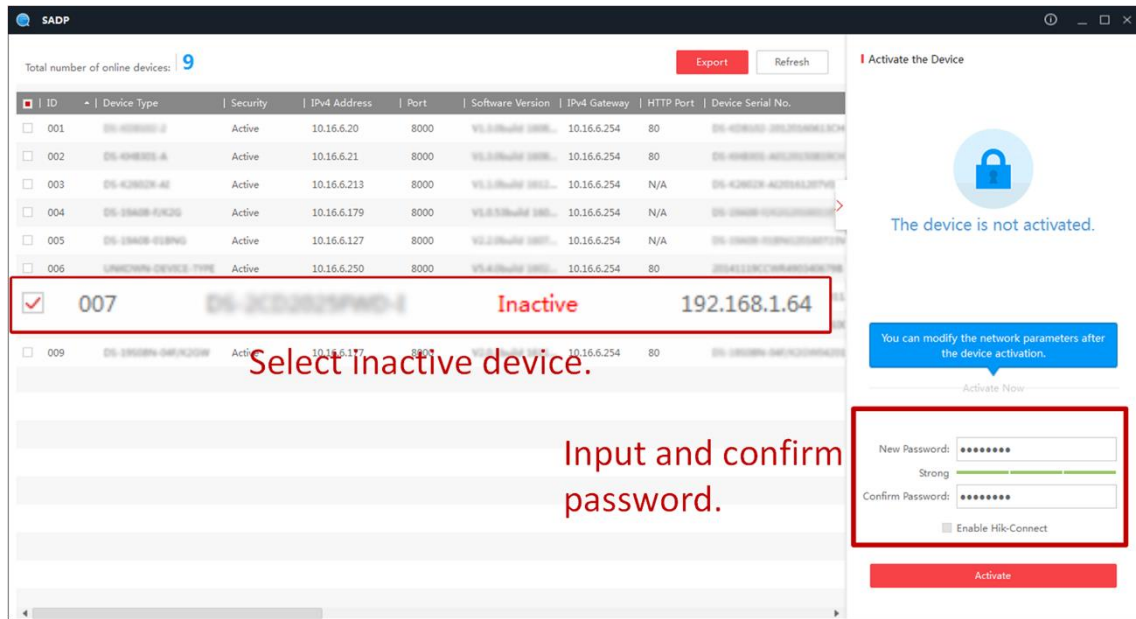


Figure 2-1 Activate via SADP

Status of the device becomes **Active** after successful activation.

Step 5 Modify IP address of the device.

- 1) Select the device.
- 2) Change the device IP address to the same network segment as your computer by either modifying the IP address manually or checking **Enable DHCP** (Dynamic Host Configuration Protocol).
- 3) Enter the admin password and click **Modify** to activate your IP address modification.

2.1.3 Activate via Web Browser

Use web browser to activate the device. For the device with the DHCP enabled by default, use SADP software or client software to activate the device.

Before You Start

Ensure the device and the computer are in the LAN with the same network segment.

Step 1 Change the IP address of your computer to the same network segment as the device.

Step 2 Open the web browser, and enter the default IP address of the device to enter the activation interface.

Step 3 Create and confirm the admin password.



STRONG PASSWORD RECOMMENDED-We highly recommend you create a strong password of your own choosing (using a minimum of 8 characters, including 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 4 Click **OK** to complete activation.

Step 5 Go to the network settings interface to modify IP address of the device.

2.2 Login

You can log in to the device via web browser for further operations such as live view and local configuration.

Before You Start

Connect the device to the network directly, or via a switch or a router.

Step 1 Open the web browser, and enter the IP address of the device to enter the login interface.

Step 2 Enter User Name and Password.

Step 3 Click **Login**.

Step 4 Download and install appropriate plug-in for your web browser. Follow the installation prompts to install the plug-in.

Step 5 Reopen the web browser after the installation of the plug-in and repeat steps 1 to 3 to login.

Step 6 Optional: Click **Logout** on the upper right corner of the interface to log out of the device.

Chapter 3 Detailed Configuration

Scan the QR code below to get the detailed configuration of the decoder.



Figure 3-1 Decoder User Manual QR Code



See Far, Go Further