



Hik Video Plugin

Legal Information and Symbol Conventions

Legal Information

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Symbol Conventions

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

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

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Chapter 1 Overview

1.1 Introduction

Hik VideoPlugin is a plugin which could be integrated with an ARC for alarm-related video verification **without Development**.

With the Hik VideoPlugin, you can view real-time and history videos of alarms and events triggered by encoding device, security control device, and third-party device for verification. You can also back up the videos to a Server for second video verification.

This manual guides you to use the Hik VideoPlugin. To ensure a proper usage and stability of the Hik VideoPlugin, refer to the contents below and read the manual carefully before installation and operation.

1.2 Running Environment

The following is the recommended system requirement for running the Hik VideoPlugin.

Operating System: Microsoft Windows 10/8/7

Chapter 2 Install Hik VideoPlugin

Before using the Hik VideoPlugin, you should properly install the Hik VideoPlugin to ensure its proper usage and stability.

Before You Start

Make sure the Hik VideoPlugin is compatible with the running environment. See **Running Environment** for details about required running environment.

Steps

1. Double-click the Hik VideoPlugin program file to enter the welcome panel of the InstallShield Wizard.
2. Click **Next** to continue.
3. Select a setup type and click **Next**.

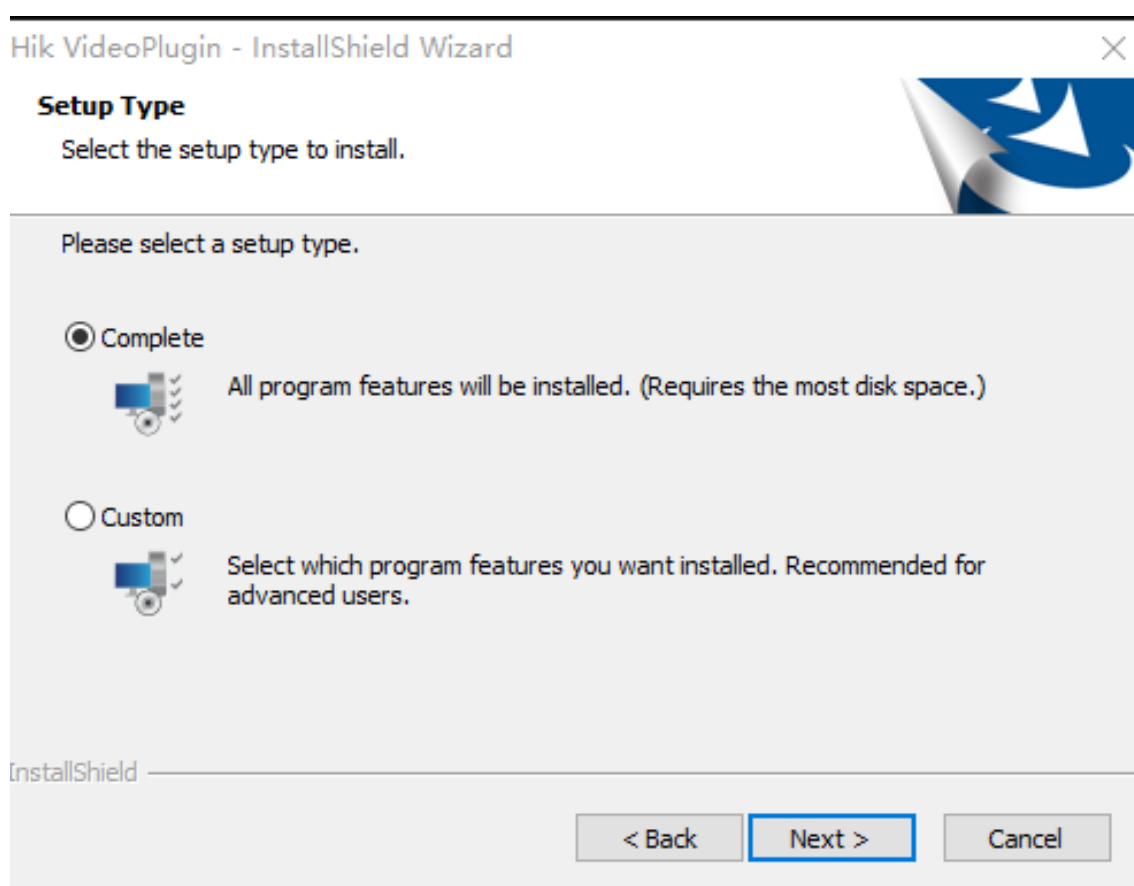


Figure 2-1 Setup Type

4. Click **Change...** and select a directory as required to install the Hik VideoPlugin, or click **Next** to use the default installation path.

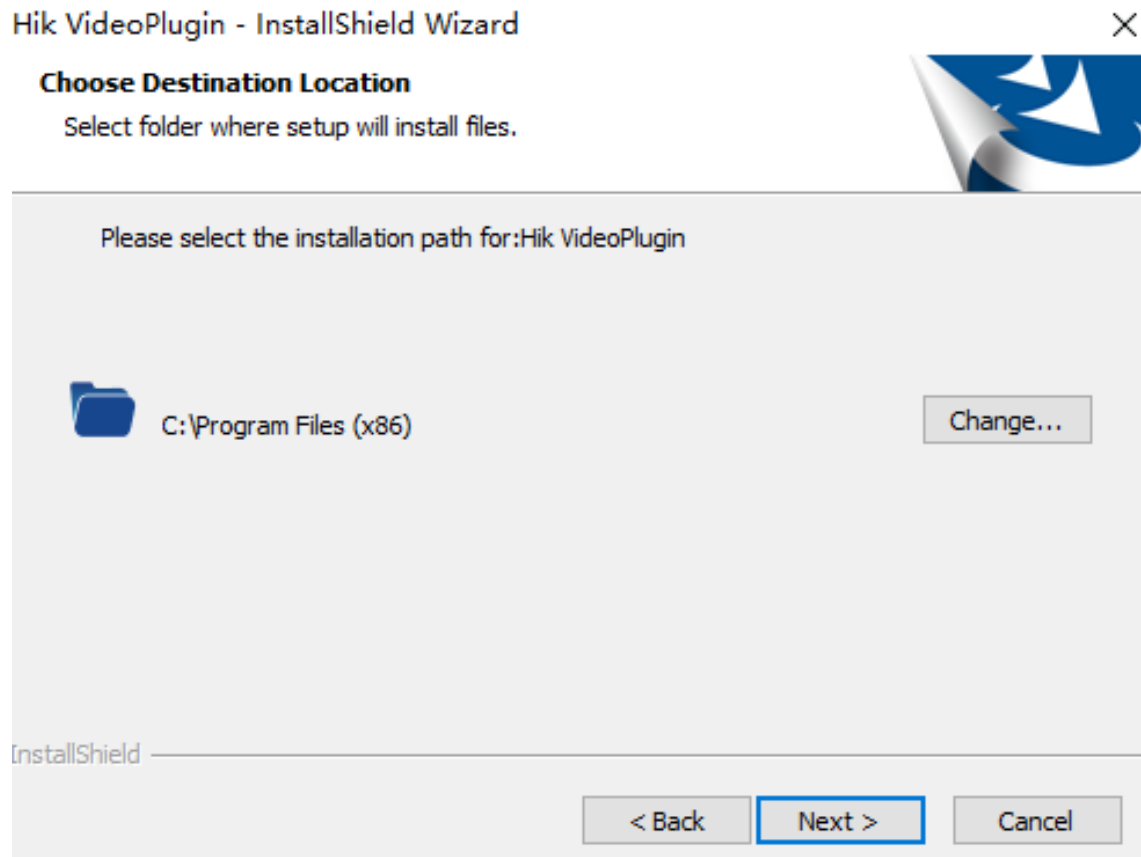


Figure 2-2 Select Destination Location

5. Click **Next** to get ready for installation.
6. Click **Install** to start the installation.
7. Click **Finish** to complete the installation.

Chapter 3 Video Verification

By the Hik VideoPlugin, you can view live view or playback of alarm.

Start the Hik VideoPlugin by one of the following ways.

- On the ARC, click the starting icon of the Hik VideoPlugin to start the Hik VideoPlugin. After clicking the starting icon of the Hik VideoPlugin, the ARC will send alarm-related information including **videoPlugin.exe <IP Receiver Pro IP>;<IP Receiver Pro Port>;<IP Receiver Pro User Name>;<IP Receiver Pro Password>;<Device Account ID>;<Zone No.>;<Alarm Time>;<AlarmInfo>;<PCAlarmTimeTag>** to the Hik VideoPlugin to start it. An example of the sent alarm-related information is: **videoPlugin.exe "IP:10.19.166.139;Port:80;UserName:admin;Password:hik12345;AccountID:0001;ZoneNo:1;AlarmTime:2020-08-25T11:10:30;AlarmInfo:Test Alarm;PCAlarmTimeTag:1"**.



Note

It is optional to edit the parameter **PCAlarmTimeTag**. In the case that alarm time is not included in alarm information and there is a time difference between device and PC, enter "1" so that alarm time will be automatically calculated according to PC time and the time difference between device and PC. Enter "0" and alarm time will be directly displayed as the time of local PC ignoring the time difference. If you delete the parameter **PCAlarmTimeTag**, the result will be the same as entering "0".

-
- In the Hik VideoPlugin's installation directory, double-click the videoPluginTest.exe to start it. Enter the alarm-related information to start the Hik VideoPlugin.

Zone Information

Account ID and zone No.

Gateway Information

Gateway Information includes IP Receiver Pro IP address, IP Receiver Pro user name, IP Receiver Pro password, and IP Receiver Pro port number.

Alarm Information

Alarm Information includes alarm time and alarm description.

PCAlarmTimeTag

It is optional to edit this parameter. In the case that alarm time is not included in alarm information and there is a time difference between device and PC, enter "1" so that alarm time will be automatically calculated according to PC time and the time difference between device and PC. Enter "0" and alarm time will be directly displayed as the time of local PC ignoring the time difference. If you delete the parameter **PCAlarmTimeTag**, the result will be the same as entering "0".

The screenshot shows a window titled "HVP_Test" with three main sections: "Address Information", "Zone Information", and "Alarm Information".

- Address Information:** Includes a checked "Enable:" checkbox, an "IP:" field with "10.19.166.139", a "Port:" field with "80", a "User Name:" field with "admin", and a "Password:" field with "*****".
- Zone Information:** Includes an "AccountID:" field with "0001" and a "ZoneNo.:" field with "1".
- Alarm Information:** Includes an "Alarm Time:" field with "2022-01-21T10:42:49" and a calendar icon, and an "Alarm Info:" field with "Intrusion".

Below these sections is a "PCAlarmTimeTag:" field with a dropdown menu showing "1". At the bottom is a "Start" button.

Figure 3-1 Alarm-Related Information for IP Receiver Pro

- In the Hik VideoPlugin's installation directory, right-click the file start_IPReceiverPro_NoInfo.bat, and click Edit to edit zone and alarm information. After editing the above information, double-click the file to start the Hik VideoPlugin. After you start the video plugin, a window will pop up to ask you to enter gateway information.

Zone Information

Account ID and zone No.

Gateway Information

Gateway Information includes IP Receiver Pro IP address, IP Receiver Pro user name, IP Receiver Pro password, and IP Receiver Pro port number.

Alarm Information

Alarm Information includes alarm time and alarm description.

PCAlarmTimeTag

It is optional to edit this parameter. In the case that alarm time is not included in alarm information and there is a time difference between device and PC, enter "1" so that alarm time will be automatically calculated according to PC time and the time difference between device and PC. Enter "0" and alarm time will be directly displayed as the time of local PC ignoring the time difference. If you delete the parameter **PCAlarmTimeTag**, the result will be the same as entering "0".



Note

- Gateway information will be saved automatically, so that you don't need to enter it repeatedly.
- If you need to edit gateway information, you need to click  to edit the information, then restart the video plugin to make the configuration take effect. You can follow the mentioned steps to restart the video plugin.

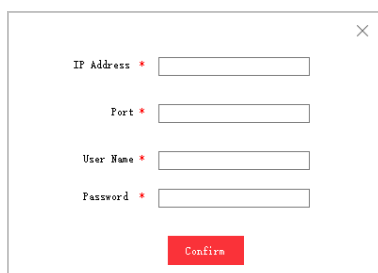
A dialog box titled "Gateway Information" with a close button (X) in the top right corner. It contains four input fields, each with a red asterisk indicating it is required: "IP Address", "Port", "User Name", and "Password". Below the input fields is a red button labeled "Confirm".

Figure 3-2 Gateway Information

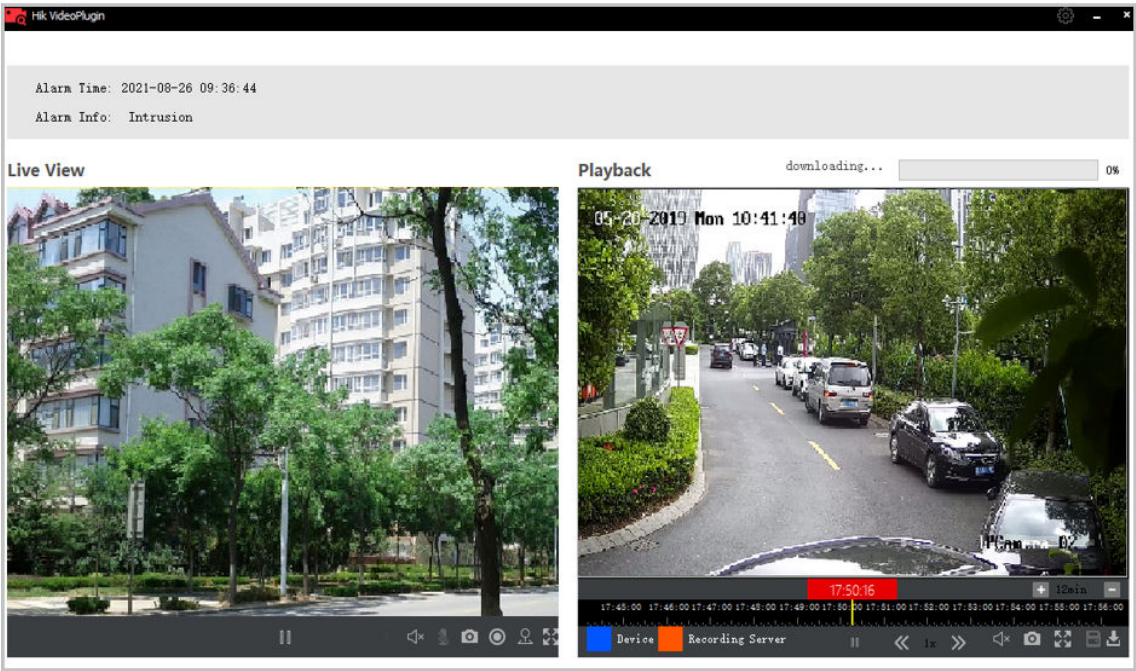


Figure 3-3 Hik VideoPlugin Page of IP Receiver Pro

3.1 View Real-Time Video for Alarm and Event

In the **Live View** area, you can view the real-time video for alarm and event.
Click the following icons when viewing real-time video for alarm and event.

Table 3-1 Icons on Live View Tool Bar

	Click to start viewing real-time video for alarm and event.
/	Click to enable the audio of live view; click to disable the audio of live view.
	Click to capture a picture of the live view image.
	Click to start recording.
	Click to start PTZ control.
	Click to enter full-screen mode.
/	Click to enable/disable two-way audio.

3.2 View History Video for Alarm and Event

In the **Playback** area, you can view the history video for alarm and event.

Click the following icons when viewing history video for alarm and event.

Table 3-2 Icons on Playback Tool Bar

	Click to start viewing history video for alarm and event.
	Click  to enable the audio of playback; click  to disable the audio of playback.
	Click to capture a picture of the playback image.
	Click to enter full-screen mode.
	Click to back up the video to Server. It is only available for Hik IP Receiver Pro.
	Click to play alarm-related video for verification. It is only available for HikCentral Professional. You can configure the video duration on the ARC Gateway. See <i>ARC Gateway User Manual</i> for details.
	Click to download the video.



See Far, Go Further