



# **Hik Video Plugin for Manitou**

**User Manual**

# Legal Information and Symbol Conventions

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### Symbol Conventions

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

Symbol	Description
 <b>Danger</b>	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
 <b>Caution</b>	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 <b>Note</b>	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 for Manitou is a plugin integrated with Manitou for alarm-related video verification **without Development**.

With the Hik VideoPlugin for Manitou, you can view real-time and history videos of alarms and events triggered by devices for verification.

This manual guides you to use the Hik VideoPlugin for Manitou. To ensure a proper usage and stability of the Hik VideoPlugin for Manitou, 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 plugin.

Operating System: Microsoft Windows 10/8/7

## Chapter 2 Install Hik VideoPlugin

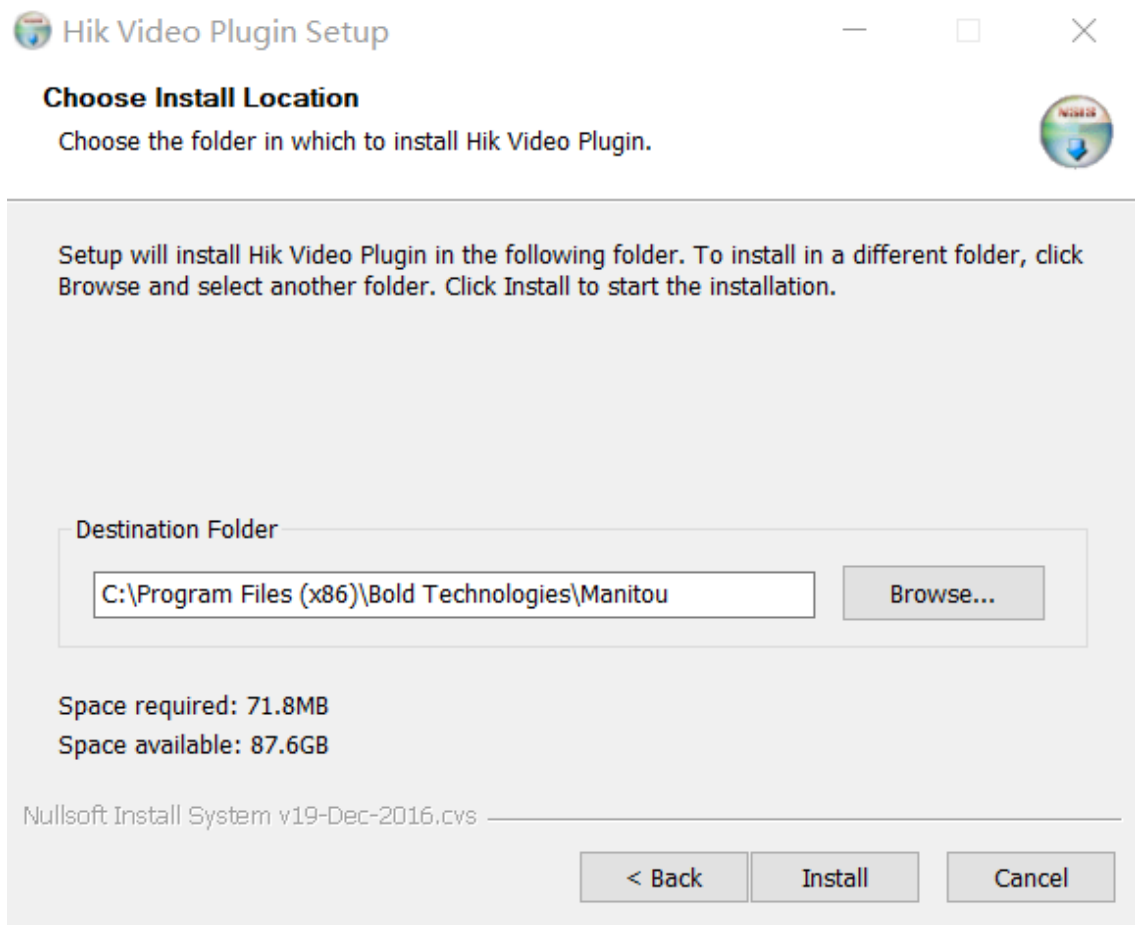
Before using the Hik VideoPlugin, you should properly install the Hik VideoPlugin to ensure its proper usage and stability.

### 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. Click **Browse...** and select the folder of Manitou as the installation path.



**Figure 2-1 Select Destination Location**

4. Click **Install** to start the installation.
5. Click **Finish** to complete the installation.

## Chapter 3 Alarm Verification

By the Hik VideoPlugin, you can view live view or playback of alarms. You can also start intercom verification.

If starting live view or playback failed, and "Please check the current SSL version of Manitou" is prompted, it means you need to upgrade the SSL version to 1.0.2. Currently, only SSL V1.0.2 is supported. You can follow the below steps:

1. Find the two Manitou SSL files (libeay32.dll and ssleay32.dll) in the default folder and back them up. Default folder: C:\Program Files (x86)\Bold Technologies\Manitou.
2. Replace the two files in Manitou folder with the new files (libeay32.dll and ssleay32.dll).  
New file folder: C:\Program Files (x86)\Bold Technologies\Manitou\Hik VideoPlugin  
Manitou folder: C:\Program Files (x86)\Bold Technologies\Manitou

After this, you can perform operations such as starting live view and playback.

### Live View

To view real-time video for alarm and event, you need to add a device to Manitou. See [Add a Device to Manitou](#) for details.

See [View Real-Time Video for Alarm and Event](#) for details about the operations of live view.

### Playback

To view history video for alarm and event, you need to configure playback as the linkage action first. See [Configure Linkage Action](#) for details.

See [View History Video for Alarm and Event](#) for details about operations of playback.

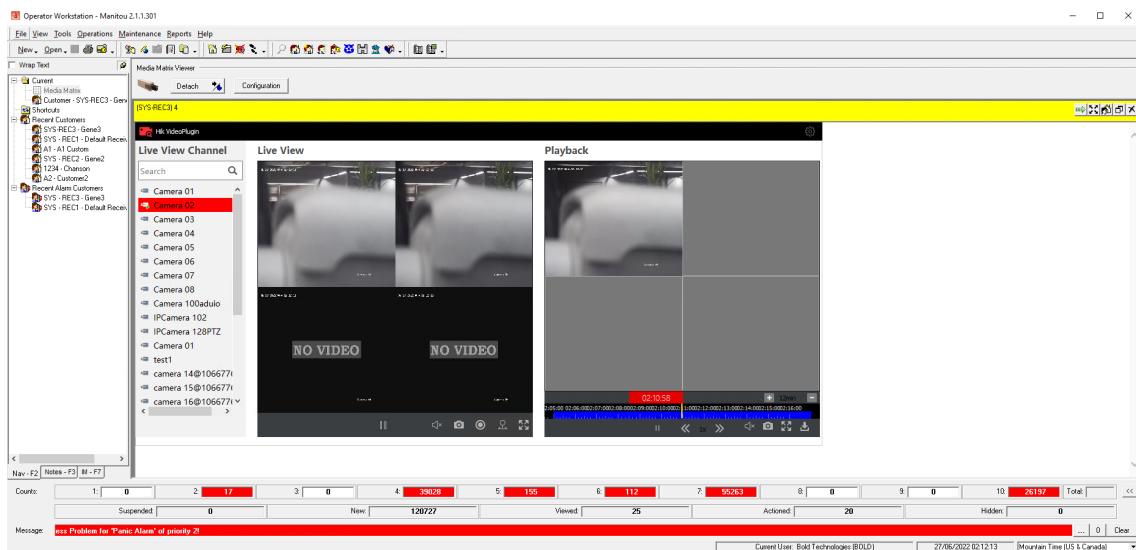


Figure 3-1 Hik VideoPlugin Page



## Start Intercom Verification

To view real-time video for alarm and event, you need to add a device to Manitou. See [Add a Device to Manitou](#) for details.

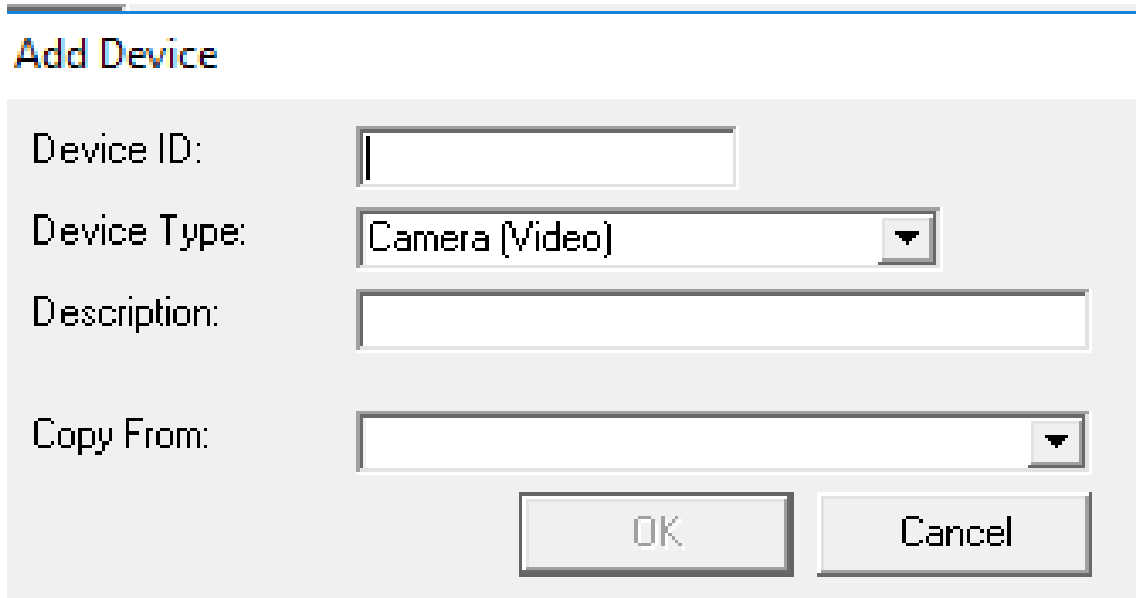
See [Start Intercom Verification](#) for details about the operations of live view.

### 3.1 Add a Device to Manitou

Before starting live view, playback, or intercom verification when an alarm/event is triggered, you should add a device to the Manitou and configure device parameters. Otherwise, live view, playback, or intercom verification are unavailable.

#### Steps

1. Select a customer on the left.
2. On the right of the page, select **System**.
3. Click **Edit** to enter edit mode.
4. Click **Devices** on the left to enter the device management page.
5. On the top left, click **Add** to open the add device window.



The screenshot shows a dialog box titled "Add Device". It contains the following fields and controls:

- Device ID:** A text input field.
- Device Type:** A dropdown menu with "Camera (Video)" selected.
- Description:** A text input field.
- Copy From:** A dropdown menu.
- Buttons:** "OK" and "Cancel" buttons at the bottom right.

Figure 3-2 Add Device

6. Enter the Device ID.
7. Select **Camera (Video)** as the Device Type.
8. Click **OK** to save.
9. Configure device parameters.
  - 1) Select the added device.
  - 2) Enter the **Address**.

## Note

- To perform video verification through Hik-ProConnect, you should enter the Hik-ProConnect address. The format should be Hik-ProConnect address + device serial No., e.g. ***https://ieu.hik-proconnect.com/D99483421***.
- To perform video verification through direct connection, you should enter the device IP address and port number. The format should be device IP address:port number, e.g. ***http://10.21.84.38:80***. The method is only applicable to video devices.

3) In the Options field, enter parameters, e.g. for video devices:

***Camera\_ID1=3&Camera\_ID2=1&secretkey=Abc12345&displaychannelpane=0***; for access control devices: ***Camera\_ID=1&secretkey=sdk123456&isTalk=1&isAutoTalk=0***.

## Note

- For video devices:
  - **Camera\_ID** refers to the No. of the channel.
  - **displaychannelpane** refers to whether to display the channels linked to a video device. 0 means no, and 1 means yes.
  - Up to four cameras are supported.
- For access control devices:
  - **isTalk** means whether to enable intercom verification. 0 means no, and 1 means yes.
  - **AutoTalkTag** means whether to automatically answer the call. 0 means no, and 1 means yes.
  - If the value of **isTalk** is 1, then the intercom plugin will be launched, or the video plugin will be launched.

## 10. Select Hikvision Video Plugin as the Video Type.

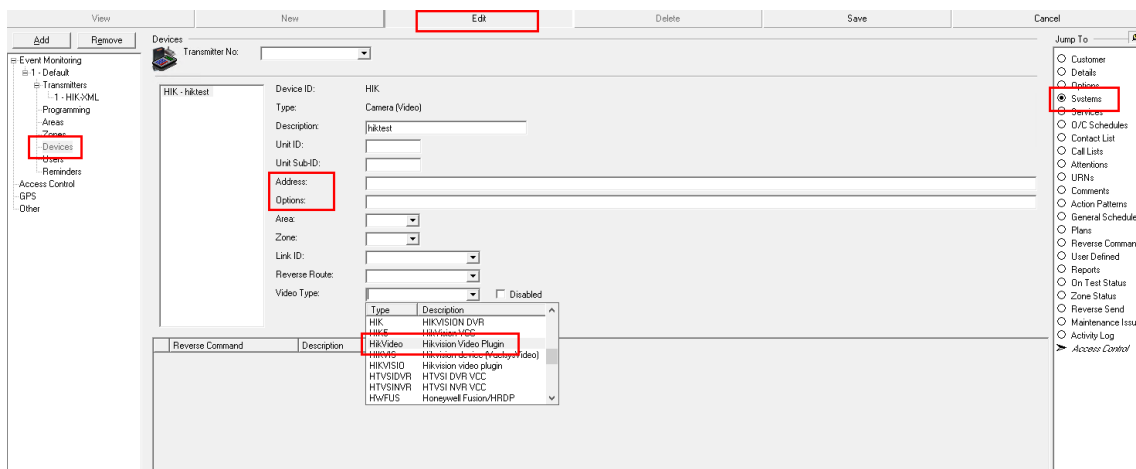


Figure 3-3 Configure Device Parameters


## 11. Click Save.

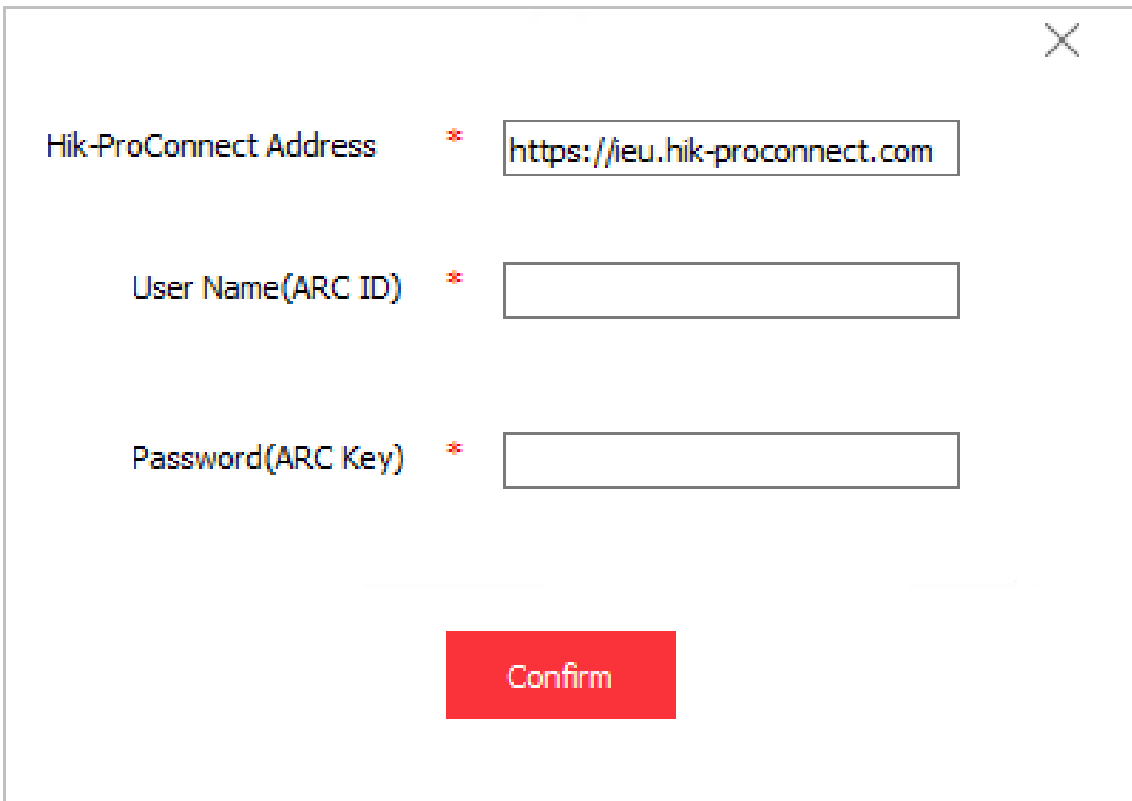
## 3.2 Configure ARC Information

When you start live view for the first time, you should configure ARC information to connect the desired ARC. After that, you will not need to configure it again. If you want to change ARC for live view, you can edit the ARC information.

Select **Plans** on the right. Right-click a camera icon on the map, and click **View Full Screen** to launch the Hik VideoPlugin.

For the first time live view, the window for configuring ARC information will pop up. Set the ARC ID and the ARC key and save them.

If you want to change the ARC for live view, click  to open the window for configuring ARC information. Set the ARC ID and the ARC key and save them.



Hik-ProConnect Address \*

User Name(ARC ID) \*

Password(ARC Key) \*

Confirm

Figure 3-4 Configure ARC Information

## 3.3 Configure Linkage Action

Before starting playback, you should configure playback as the linkage action of alarm and event. Otherwise, playback of alarm or event will be unavailable.

## Before You Start

Make sure you have added device for playback to Manitou. See [Add a Device to Manitou](#) for details.

## Steps

1. Select **Action Patterns** on the right.
2. Add an action.
  - 1) Click **Edit** to enter edit mode.
  - 2) Click **Add** to open the Add Action Pattern window.

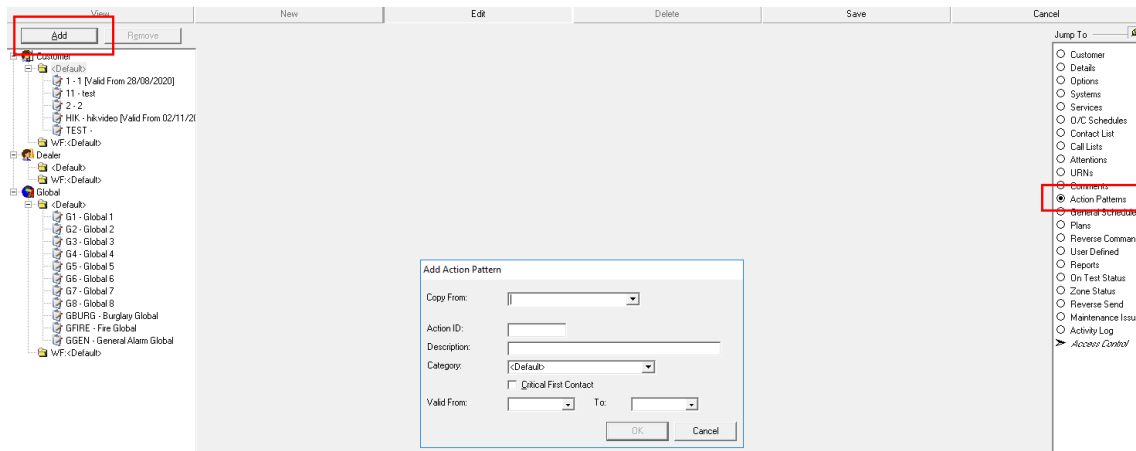
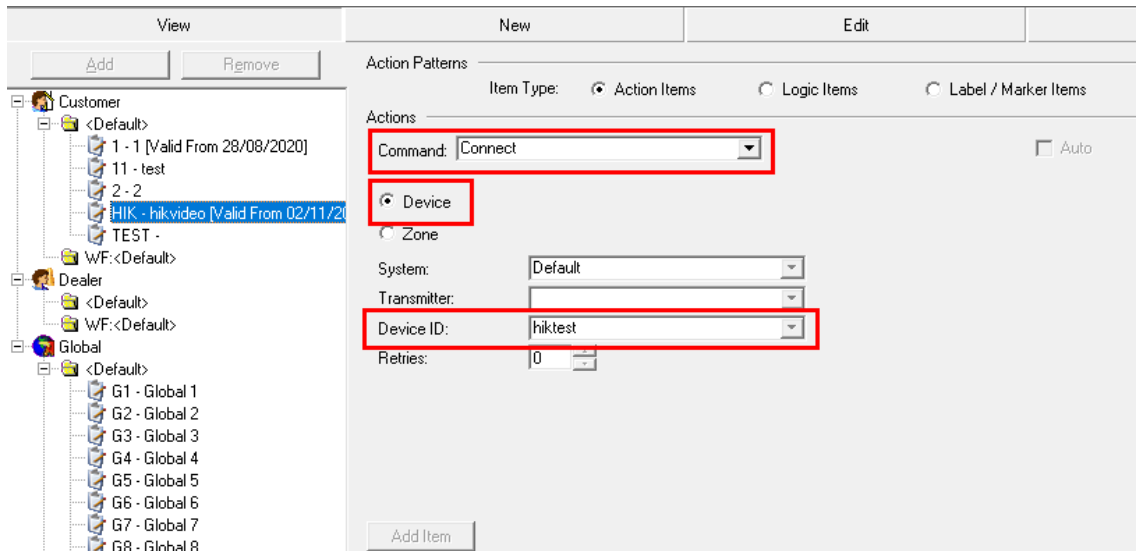


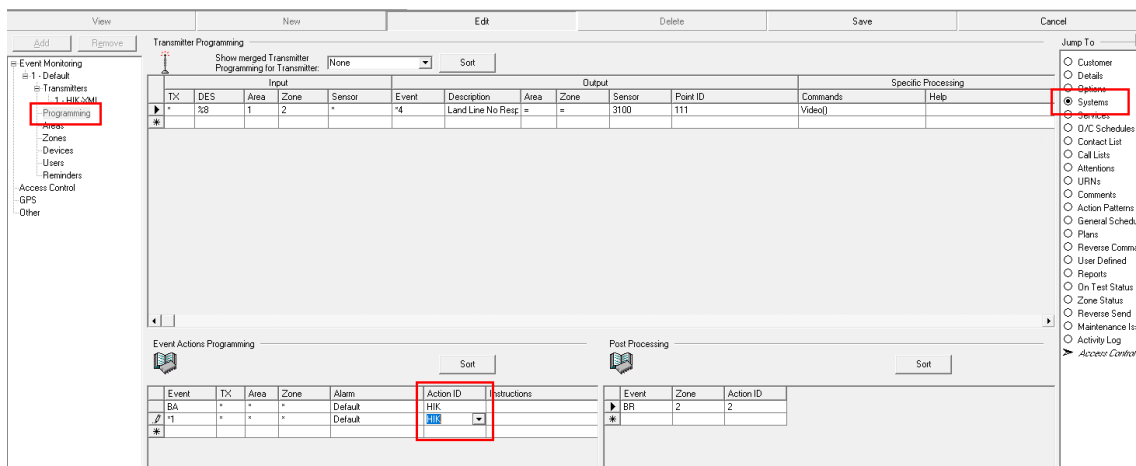
Figure 3-5 Add Action Pattern

- 3) Enter the **Action ID** and click **OK** to save the settings.
3. Configure action parameters.
  - 1) Select **Connect** as the **Command**.
  - 2) In the Device ID drop-down list, select a device for playback.



**Figure 3-6 Set Action Type**

- 3) Click **Add Item**.
  - 4) Click **Save**.
4. Link event with linkage action.
- 1) Go back to **System** page.
  - 2) Click **Edit** to enter edit mode.
  - 3) Click **Programming** on the left.
  - 4) In the Event Actions Programming table, select Action ID for the events.



**Figure 3-7 Link Event and Action**

- 5) Click **Save** on the top.

### 3.4 Start Video Verification

By Hik Video Plugin, you can perform live view and playback of alarm. The feature is only applicable to video devices.

#### View Real-Time Video for Alarm and Event

In the **Live View** area, you can view the real-time video for alarm and event.











Make sure you have added device for live view to Manitou. See [Add a Device to Manitou](#) for details.

---

Select **Plans** on the right. Right-click a camera icon on the map, and click **View Full Screen** to start live view.

For the first time live view, you should configure ARC information to connect the desired ARC. After configuring the ARC information, the live view will start. See [Configure ARC Information](#) for details. If you want to select and search for channels, click **Devices** → **Edit** → **Options** on Manitou, enter "displaychannelpane=1", and the channel pane shall be displayed. Enter "displaychannelpane=0", and the channel pane shall not be displayed. You can click a single channel or multiple channels to start live view, or you can search for a channel and click it to start live view. Click the following icons when viewing real-time video for alarm and event.

**Table 3-1 Icons on Live View Tool Bar**

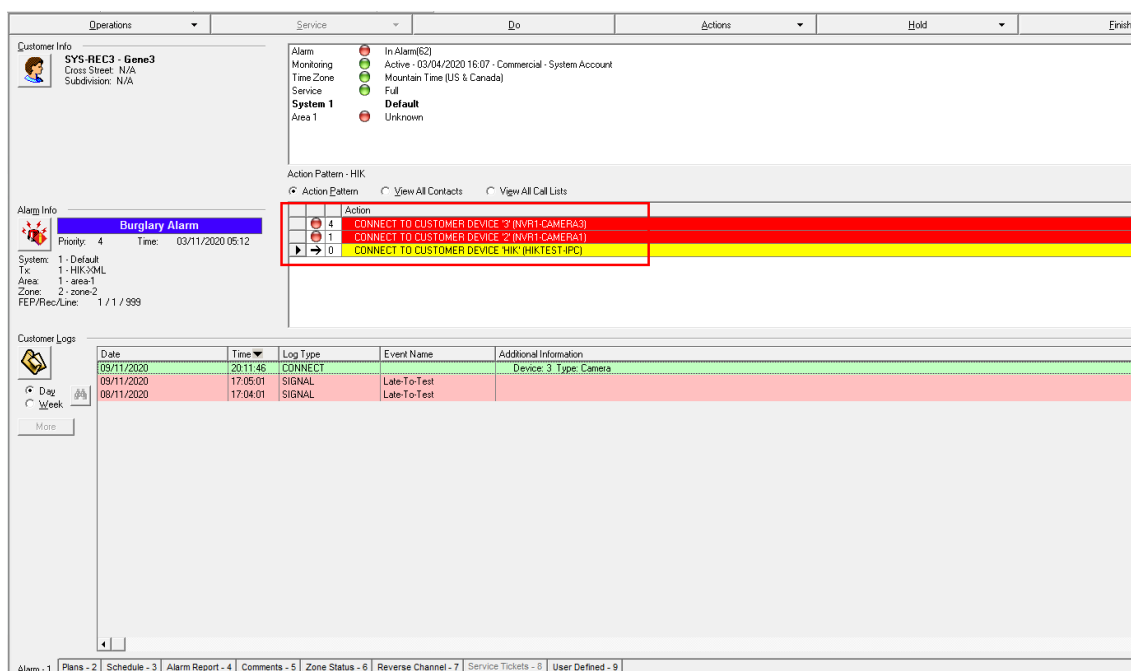
	Click to start viewing real-time video for alarm and event.
	Click  to enable the audio of live view; click  to disable the audio of live view.
	Click to capture a picture of the live view image.
	Click to start recording.
	Click to start PTZ control.
	Click to enter full-screen mode.

#### View History Video for Alarm and Event



- Make sure you have added device for playback to Manitou. See [Add a Device to Manitou](#) for details.
  - Make sure you have configured playback as the linkage action of alarm and event. See [Configure Linkage Action](#) for details.
- 

Double-click an event or alarm to start playback.



**Figure 3-8 Alarm Center**

If you want to select and search for channels, click **Devices → Edit → Options** on Manitou, enter "displaychannelpane=1", and the channel pane shall be displayed. Enter "displaychannelpane=0", and the channel pane shall not be displayed. You can click a single channel or multiple channels to start playback, or you can search for a channel and click it to start playback. 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 download the video.

## 3.5 Start Intercom Verification

By Hik Video Plugin, you can start intercom verification and remotely open doors. The feature is only applicable to access control devices.

You can answer calls from access control devices.

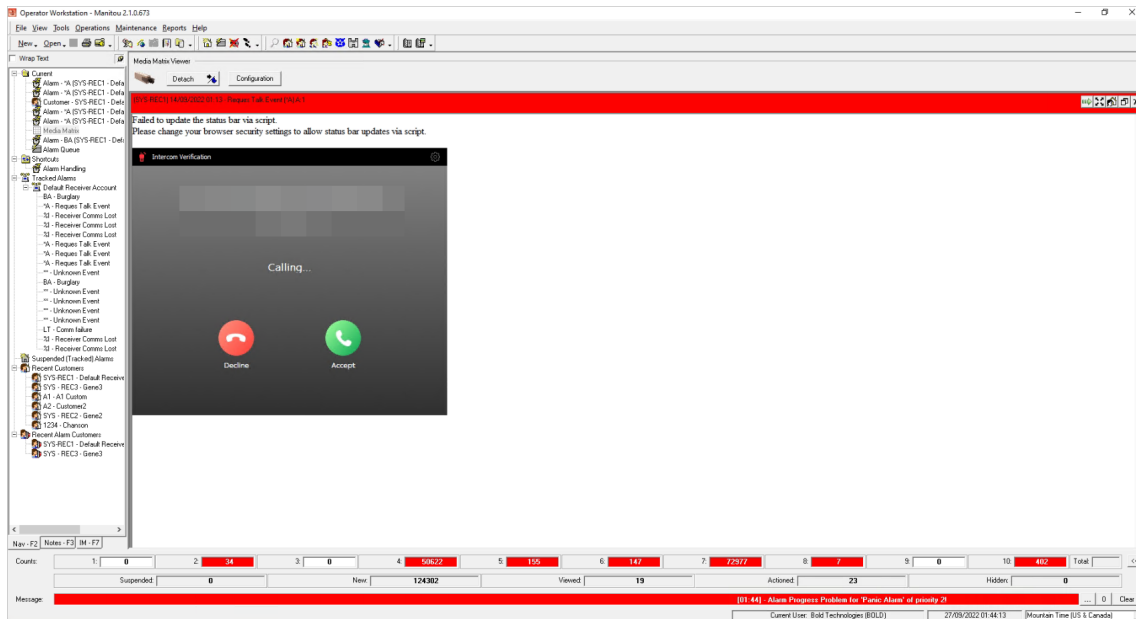


Figure 3-9 Intercom Verification

You can click **Open Door** to open the door remotely.

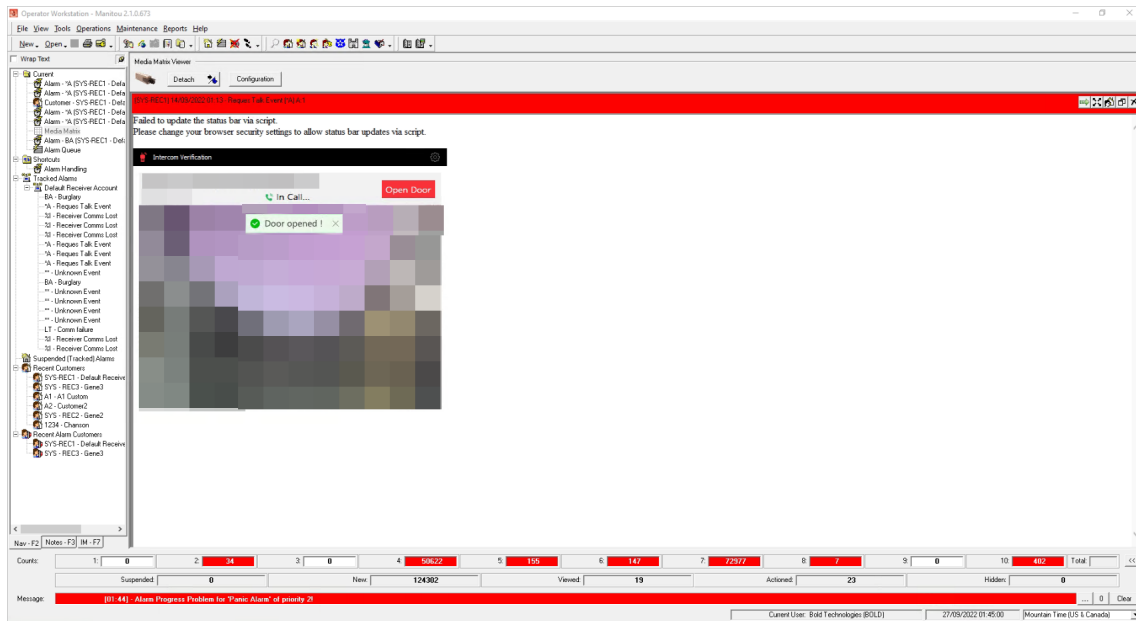


Figure 3-10 Open Door



According to device capabilities, you can start audio or video intercom verification.



