IPRP Video Plugin

User Manual

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.

Contents

Chapter 1 Overview 1

1.1 Introduction 1

1.2 Running Environment 1

Chapter 2 Install IPRP Video Plugin 2

Chapter 3 Alarm Verification 3

3.1 Start Video Verification 7

3.2 Start Intercom Verification 8

Chapter 1 Overview

1.1 Introduction

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

With the IPRP 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 IPRP VideoPlugin. To ensure a proper usage and stability of the IPRP 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 plugin.

Operating System: Microsoft Windows 10/8/7

Chapter 2 Install IPRP Video Plugin

Before using the IPRP Video Plugin, you should properly install the IPRP Video Plugin to ensure its proper usage and stability.

Before You Start

Make sure the IPRP Video Plugin is compatible with the running environment. See ***Running Environment*** for details about required running environment.

Steps

1. Double-click the IPRP Video Plugin program file to enter the welcome panel of the InstallShield Wizard.
2. Click **Next** to continue.
3. Click **Browse...** and select a directory as required to install the IPRP Video Plugin, or click **Install** to use the default installation path and start the installation.

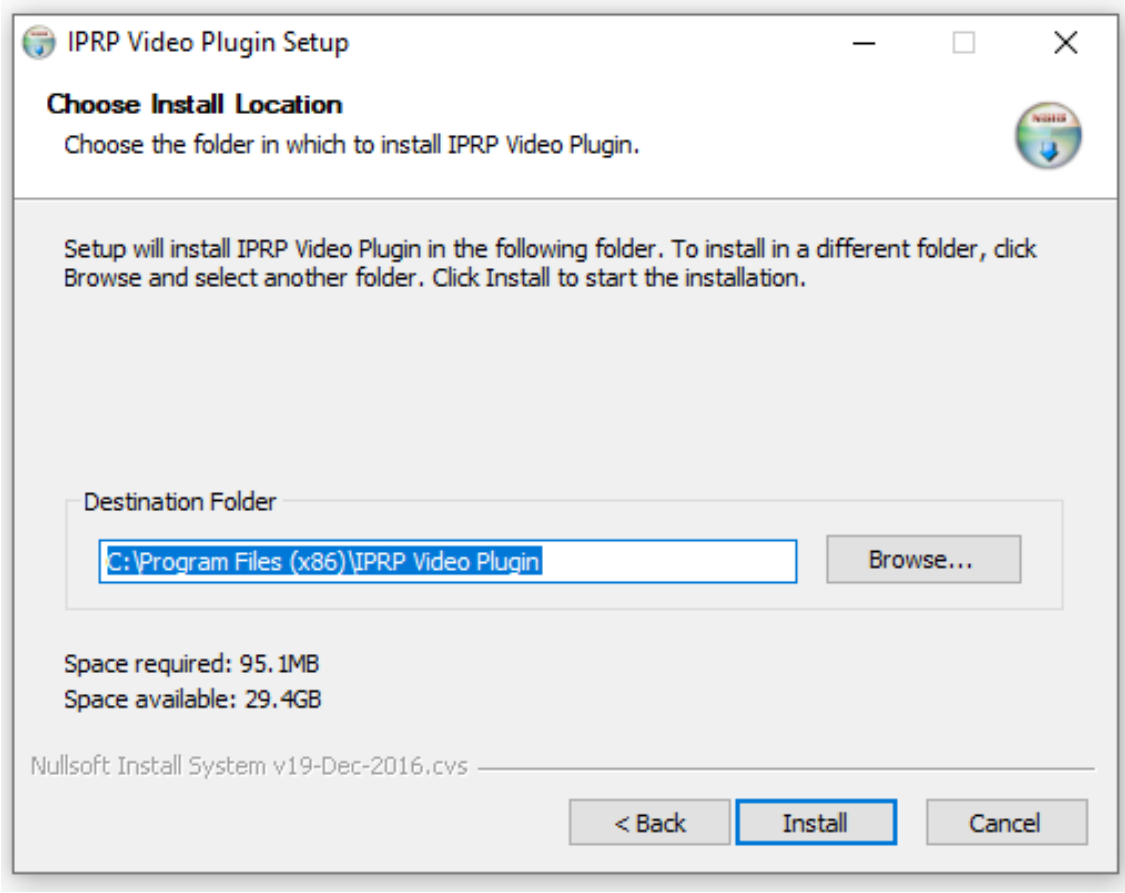


Figure 2-1 Select Directory

4. Click **Finish** to complete the installation.

Chapter 3 Alarm Verification

By IPRP Video Plugin, you can perform live view and playback of alarm. You can also start intercom verification and remotely open doors.

Start Live View or Playback

Start the IPRP Video Plugin by one of the following ways under the condition that you are an administrator of your PC.

- Start Command Prompt, switch to the directory of video plugin, and enter the alarm related information sent by IP Receiver Pro. An example of the sent alarm-related information is: ***VideoPlugin.exe "IP:172.7.203.222;Port:83;UserName:admin;Password:sdk123456;AccountID:E58616805;ZoneNo.:1;AlarmTime:2022-04-13T09:13:11;AlarmInfo:Intrusion;PCAlarmTimeTag:0;"*** or ***VideoPlugin.exe "AccountID:E58616805;ZoneNo.:1;AlarmTime:2022-04-13T09:13:11;AlarmInfo:Intrusion;PCAlarmTimeTag:0;"***.
- Start Command Prompt, switch to the directory of video plugin, and enter the alarm related information sent by IP Receiver Pro. An example of the sent alarm-related information is: ***VideoPlugin.exe "Alarm:D1AA003B"ADM-CID"0006L0#D57728510[#D57728510|1628 00 001]_02:37:41,04-07-2022;PCAlarmTimeTag:0;"*** or ***VideoPlugin.exe "IP:172.7.203.222;Port:83;UserName:admin;Password:sdk123456;Alarm:D1AA003B"ADM-CID"0006L0#C50405778[#C50405778|1628 00 001]_02:37:41,03-24-2022;PCAlarmTimeTag:0;"***.

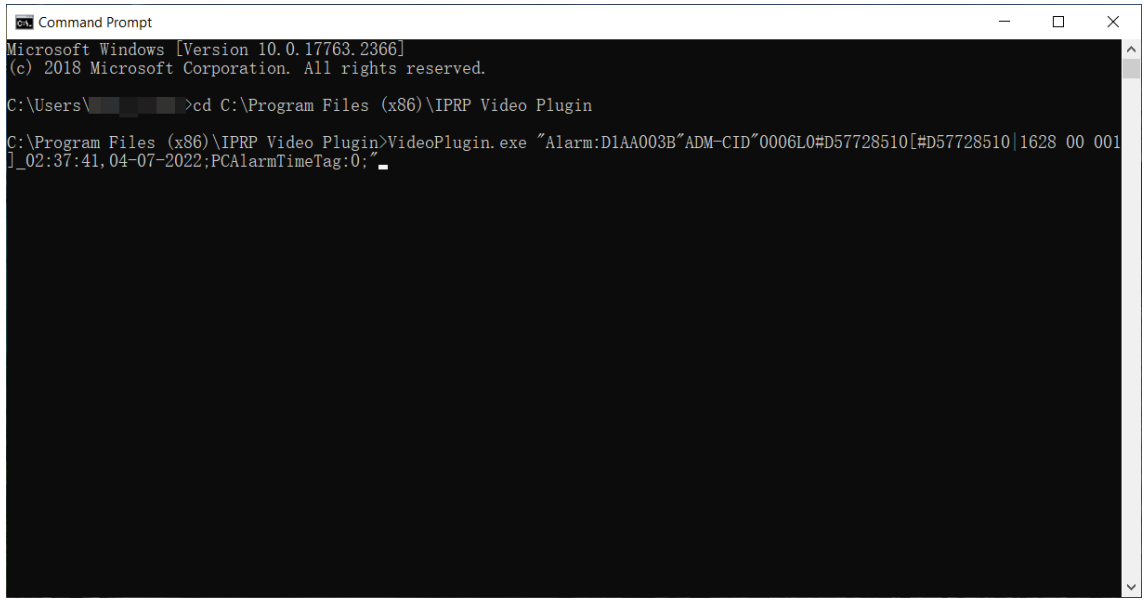


Figure 3-1 Command Prompt

Note

- The second method is only for alarms forwarded by ADM-CID of DC-09 protocol.
- If information including IP, port, user name, and password is not included in the alarm information, the mentioned parameters will be required after you start the plugin. IP Receiver Pro 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.

Figure 3-2 IP Receiver Pro Information

- Captured pictures and recorded videos are saved to the C disk by default. If you want to save the file to somewhere else, click → **Save File** → , and select a location to save the mentioned files.

The alarm-related information includes the following parameters.

Alarm

Alarm messages from IP Receiver Pro by DC-09 protocol.

Zone Information

Account ID and zone No.

IP Receiver Pro Information

IP Receiver Pro 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".

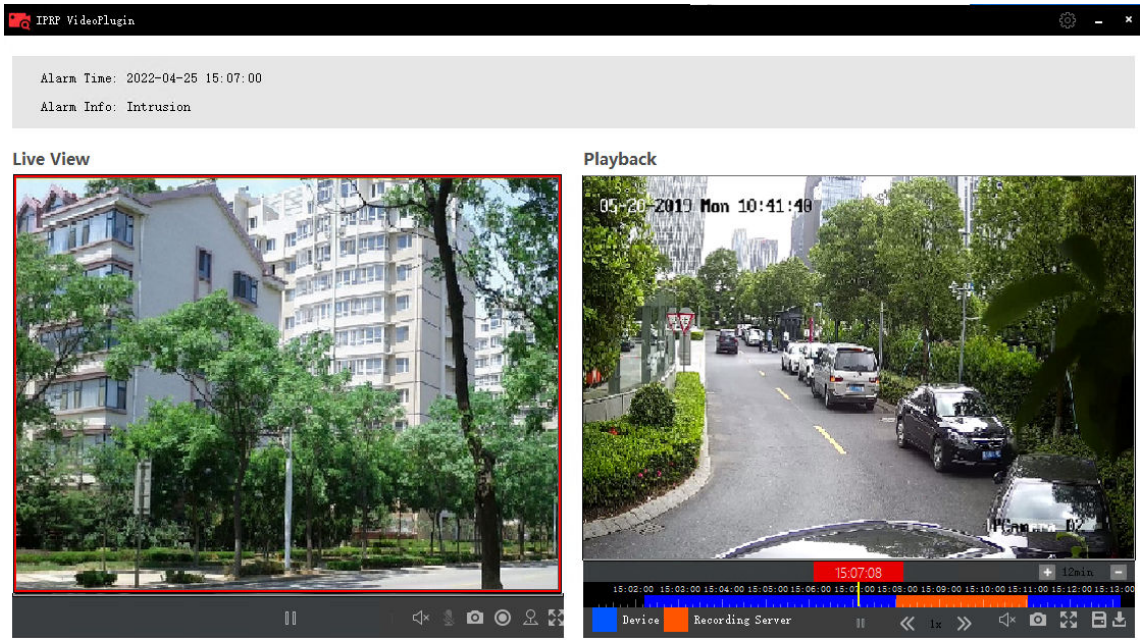


Figure 3-3 IPRP Video Plugin Page of IP Receiver Pro

Start Intercom Verification

Start the IPRP Video Plugin by one of the following ways under the condition that you are an administrator of your PC.

- Start Command Prompt, switch to the directory of video plugin, and enter the alarm related information sent by IP Receiver Pro. An example of the sent alarm-related information is: ***VideoPlugin.exe "IP:172.7.203.222;Port:83;UserName:admin;Password:sdk123456;AccountID:E58616805;ChannelNo.:1;isTalk:1;AutoTalkTag:0"*** or ***VideoPlugin.exe "AccountID:E58616805;ChannelNo.:1;isTalk:1;AutoTalkTag:0"***.
- Start Command Prompt, switch to the directory of video plugin, and enter the alarm related information sent by IP Receiver Pro. An example of the sent alarm-related information is: ***VideoPlugin.exe "Alarm:D1AA003B"ADM-CID"0006L0#D57728510[#D57728510|1628 00 001]_02:37:41,04-07-2022;"*** or ***VideoPlugin.exe "IP:172.7.203.222;Port:83;UserName:admin;Password:sdk123456;Alarm:D1AA003B"ADM-CID"0006L0#C50405778[#C50405778|1628 00 001]_02:37:41,03-24-2022;"***.

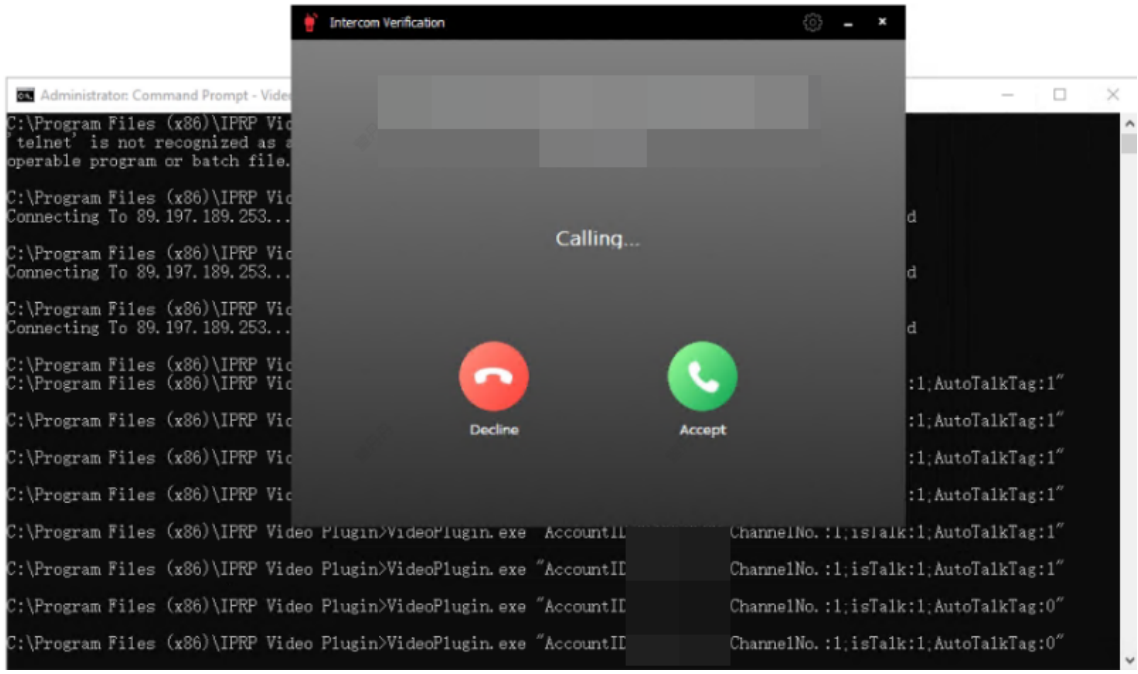


Figure 3-4 Intercom Verification

Note

- The second method is only for alarms forwarded by ADM-CID of DC-09 protocol.
- If information including IP, port, user name, and password is not included in the alarm information, the mentioned parameters will be required after you start the plugin. IP Receiver Pro 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.

Figure 3-5 IP Receiver Pro Information

The alarm-related information includes the following parameters.

IP Receiver Pro Information

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

Device Information

Account ID and channel number.

isTalk

Whether to enable intercom verification. 0 means no, and 1 means yes.

AutoTalkTag

Whether to automatically answer the call. 0 means no, and 1 means yes.

3.1 Start Video Verification

By IPRP 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. Click the following icons when viewing real-time video for alarm and event.

Table 3-1 Icons on Live View Tool Bar

Icon	Description
	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.

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

Icon	Description
	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.
	Click to download the video.

3.2 Start Intercom Verification

By IPRP 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.

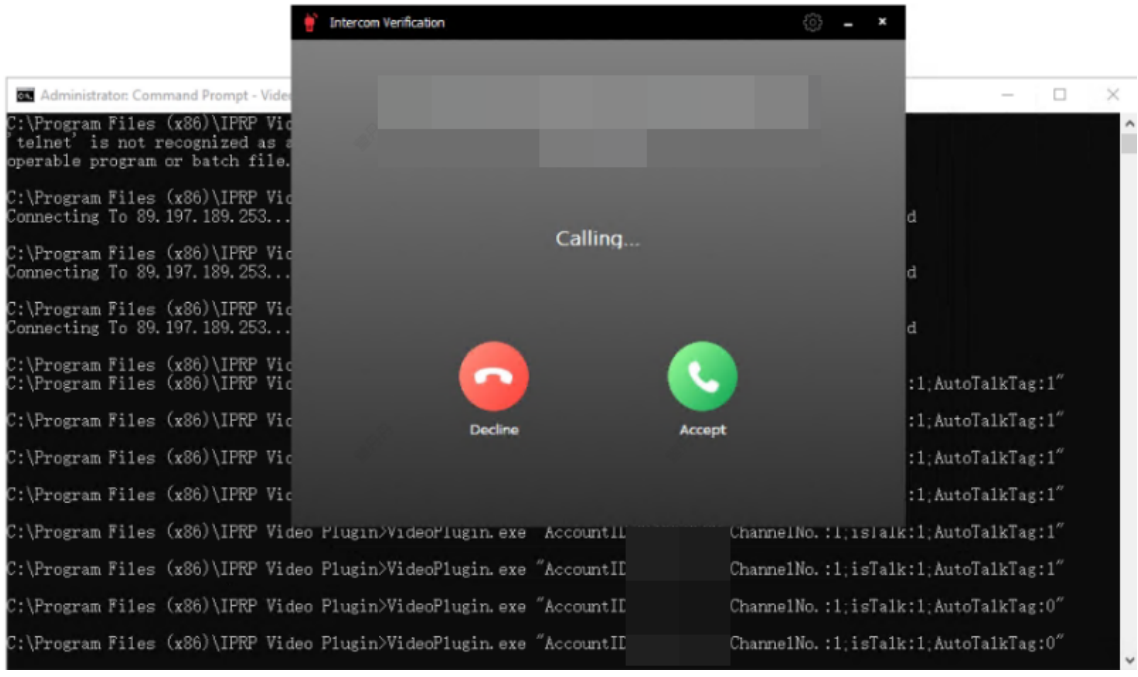


Figure 3-6 Intercom Verification

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

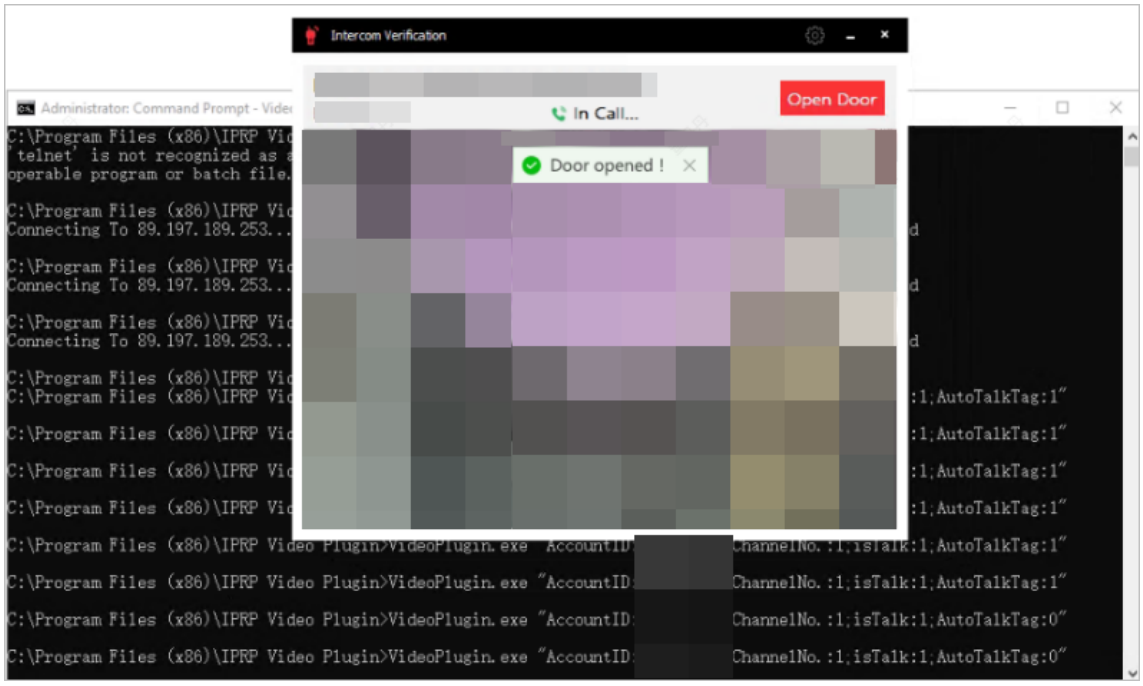
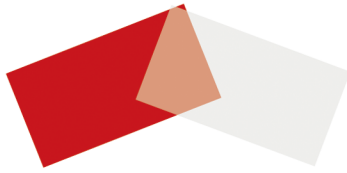


Figure 3-7 Open Door

Note

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