Hik IP Receiver Pro

Hik IP Receiver Pro is a gateway product that can add Hikvision devices (e.g. AX Pro security control panel, network camera, NVR, and DVR) on Hik-ProConnect and add devices by ISUP5.0 protocol. It provides service including protocol conversion, linking channels to zone, event receiving, transmitting event to ARC, video/image verification via Hik VideoPlugin, etc.

Key Feature

Device Management

- Adding Hikvision devices managed on Hik-ProConnect, including AX Pro security control panel, NVR, DVR, and network camera
- Adding AX Pro/AX Hub security control panel by ISUP5.0 Protocol
- Managing up to 10,000 devices, including adding/editing/deleting/searching device
- Supports transmitting events from security control devices, encoding devices, and third-party devices
- Supports adding and managing partitions (areas) and zones for encoding devices and third-party devices
- Supports linking CCTV channels to zones, and up to 4 channels are supported for each zone
- Supports synchronizing device information manually
- Supports viewing device ID and key of ISUP devices

Protocol Conversion

- Converting ISUP5.0 protocol and Hik-ProConnect protocol to Sur-Gard protocol, Ademco 685 protocol, Manitou protocol, SBN protocol, SIA-DCS protocol, or Private protocol

Event Distribution

  Note: If the number of events exceeds the limit, it may decrease the distribution efficiency.

- Up to 100 events without videos per second
- Up to 20 events with videos per second if the devices connect to the Hik IP Receiver Pro directly

Configuration

- Enabling Alarm Monitor for checking the alarms of the added devices via URL

  Note: Supports videos in MP4 format and pictures in JPG format. The browser version requires Internet Explorer 11 or later version and Google Chrome 65 or later version.

- Sending notification emails about abnormal situations immediately or regularly to the receiver(s), e.g., the email will be sent immediately when the Hik IP Receiver Pro is disconnected from ARC

Storage

- Uploading up to 20 video files (no larger than 2 MB for each one) from device per second
- The files will stay for 2 days after which they will be deleted automatically
- Supports backing up alarm-related videos to Recording Server for video verification by the Hik VideoPlugin

General

- Accessing and configuring Hik IP Receiver Pro via Web browser
- Protocol management
- Event code management, e.g., receiving and transferring original codes

- Port mapping. Once it is disabled, the function of directly linking AX Pro to the Hik IP Receiver Pro cannot be used
- Event Monitor
- If you have kept legacy configuration files when uninstalling Hik IP Receiver, supports reusing the legacy configuration files when installing Hik IP Receiver Pro
- Searching up to 2,000 history events and alarms received during the last 2 days and viewing related videos. The events/alarms triggered by PIRCAM detector supports viewing related images or videos
- Supports English, Russian, and Ukrainian
- Supports transferring alarms triggered by AxPro zones linked to network cameras by the Hik-ProConnect Mobile Client
- Supports exporting event list and importing the event list after editing
- Supports exporting and importing configuration file.
- Supports enabling and disabling video verification when the communication protocol is SIA-DCS
- Supports configuring delay time for the device offline event
- Added the event triggered by deleting a device from Hik-ProConnect
- Supports enabling and disabling events
- Supports starting two-way audio after receiving alarms
  Note: The function is only supported on browsers including Firefox. Microsoft Edge, and Chrome.
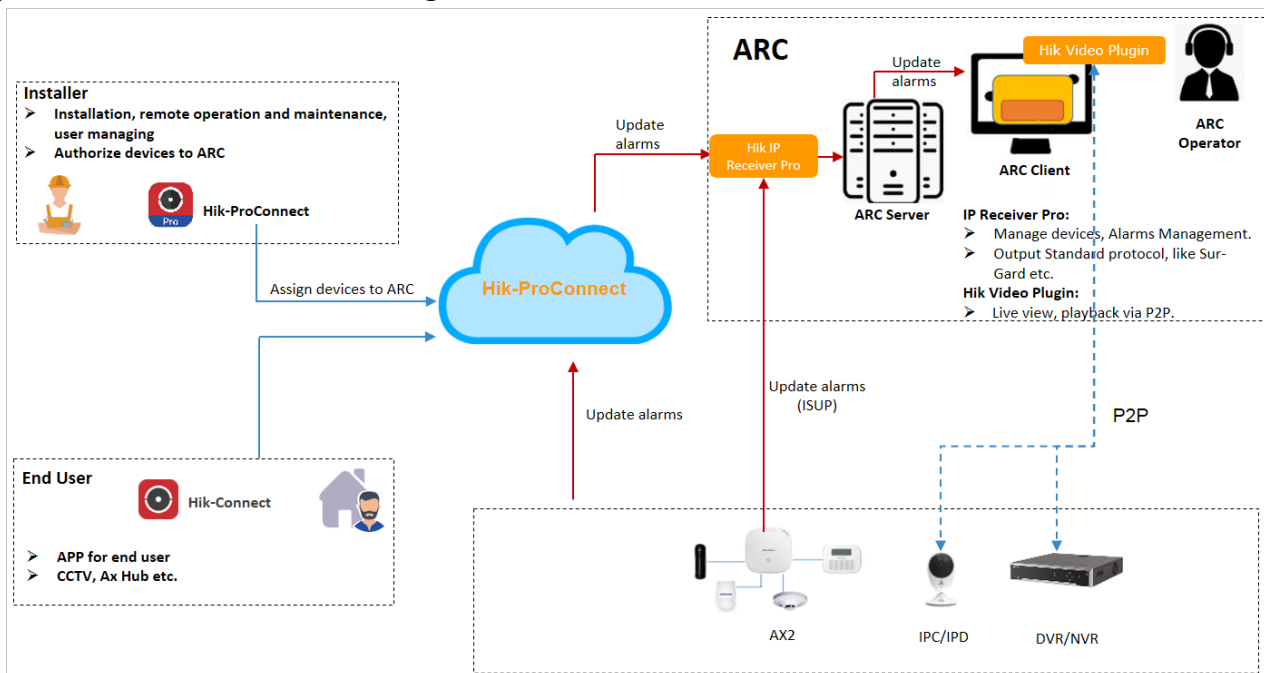- Hot spare settings

System Requirement

Features	Requirements
CPU	Intel(R) Core(TM) i5-7500 @ 3.0 GHz, 4-core or above
RAM	8 GB or above
HDD Capacity	200 GB or above
Network Card	Gigabit NIC
Operating System	Microsoft(R) Windows 10 (64-bit), Windows Server 2012 R2 (64-bit), Windows Server 2016 (64-bit) * For Windows Server 2012 R2 (64-bit), the patch KB2999226 is required to be installed.
Web Browser	Internet Explorer 9/10/11, Chrome 31.0 and later versions, Firefox 30 and later versions, Edge The browser version for event monitor requires Internet Explorer 11 or later version, Google Chrome 57 or later version, and Firefox 52 or later version.

Supported Product and Version

AX Pro & AX Hub security control panels, network cameras, NVRs, and DVRs managed on the Hik-ProConnect.

Typical Application

Application for AX Pro and Encoding Device

ARC

Hik Video Plugin

ARC Operator

Update alarms

ARC Client

Hik IP Receiver Pro

ARC Server

Update alarms

IP Receiver Pro:
➢ Manage devices, Alarms Management.
➢ Output Standard protocol, like Sur-Gard etc.

Hik Video Plugin:
➢ Live view, playback via P2P.

Installer
➢ Installation, remote operation and maintenance, user managing
➢ Authorize devices to ARC

Hik-ProConnect

Assign devices to ARC

Hik-ProConnect

Update alarms (ISUP)

P2P

Update alarms

End User

Hik-Connect

➢ APP for end user
➢ CCTV, Ax Hub etc.

AX2   IPC/IPD   DVR/NVR

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