



**Guide for configuring and working with the Hikvision IP
Receiver Pro integration module**

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1 List of terms used in the Guide for configuring and working with the Hikvision IP Receiver Pro integration module

Term	Description
Alarm	A signal to the operator to react to the situation
Area	A part of the territory controlled by the Hikvision IP Receiver Pro FSA
Fire&Security Alarm (FSA) system	Fire alarm system
Panel	A Hikvision IP Receiver Pro advanced control panel of the supported model
Relay	A programmable device connected to the Hikvision IP Receiver Pro panel. It controls the transition from one area to another
Server	A computer with the installed Server and client configuration of <i>Axxon One</i>
Zone	A smaller area or a single object (for example, a window) within an area controlled by the Hikvision IP Receiver Pro FSA

2 Introduction into the Guide for configuring and working with the Hikvision IP Receiver Pro integration module

On the page:

- [Purpose of the document](#)
- [General information about the Hikvision IP Receiver Pro integration module](#)

2.1 Purpose of the document

The *Guide for configuring and working with the Hikvision IP Receiver Pro integration module* is a reference and information manual and is intended for configuration specialists of the *Hikvision IP Receiver Pro* module. This module is a part of the Fire&Security Alarm (FSA) system implemented on the basis of *Axxon One + ACFA*.

The Guide has the following information:

1. General information about the **Hikvision IP Receiver Pro** integration module.
2. Adding the **Hikvision IP Receiver Pro** integration module.
3. Configuring the **Hikvision IP Receiver Pro** integration module.
4. Working with the **Hikvision IP Receiver Pro** integration module.

2.2 General information about the Hikvision IP Receiver Pro integration module

The **Hikvision IP Receiver Pro** integration module is a part of the FSA implemented on the basis of *Axxon One + ACFA* and is used to configure the **Hikvision IP Receiver Pro** controller and provide its interaction with *Axxon One + ACFA* (monitoring, control). The main functionality is receiving events and states from the zones united in areas (subsystems), alarm monitoring. Control of zones, relays, and areas is also implemented.



Note

For more information about the **Hikvision IP Receiver Pro** FSA, see the official reference documentation for this system (manufactured by HANGZHOU HIKVISION DIGITAL TECHNOLOGY CO. LTD).

Before configuring the **Hikvision IP Receiver Pro** integration module, do the following:

1. Install the **Hikvision IP Receiver Pro** hardware on the protected facility (see the Hikvision official reference documentation).
2. Connect the **Hikvision IP Receiver Pro** control panel to the *Axxon One + ACFA* server (see the Hikvision official reference documentation).

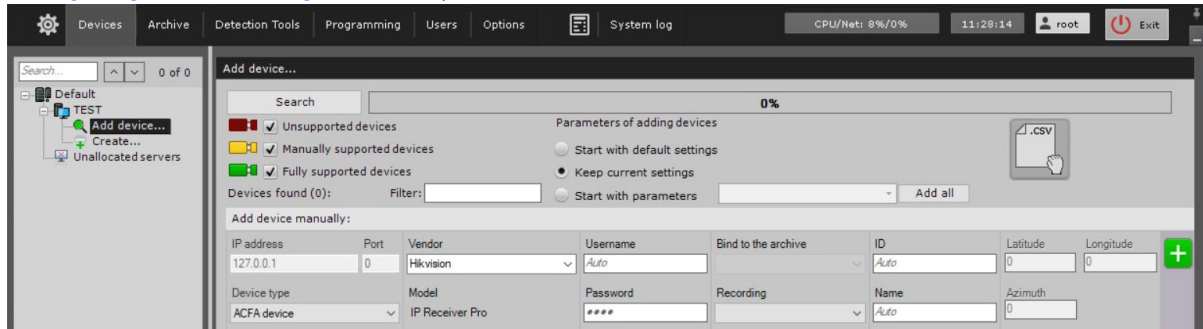
3 Supported software and licensing of the Hikvision IP Receiver Pro integration module

Name of the integration module	Hikvision: IP Receiver Pro
Integrated software, hardware	• Hik IP Receiver Pro software version 2.2.1.3, build 20241029 • Hikvision DS-PHA48-EP control panel
Functionality	Monitoring, control
Licensing	Per each zone (ACFASensor)
Information on manufacturer	HANGZHOU HIKVISION DIGITAL TECHNOLOGY CO. LTD Address: No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China Phone: +86-571-8807-5998 Website: www.hikvision.com Support email: support@hikvision.com
Type of integration	SOFT-SOFT
Hardware connection interface	Ethernet
ACFA version	4.0

4 Adding the Hikvision IP Receiver Pro integration module

To add the **Hikvision IP Receiver Pro** integration module to the system, do the following:

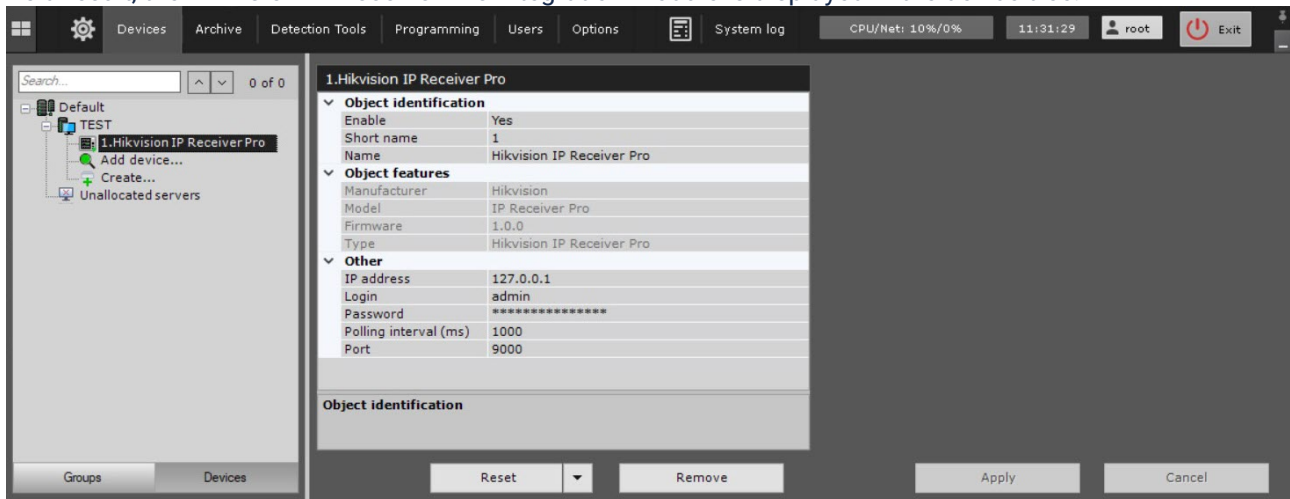
1. Add the device to the system manually using the IP Device Discovery Wizard (see [Searching, adding, configuring, and removing IP devices](#)).



2. From the **Device type** drop-down list, select the **ACFA device**.
3. From the **Vendor** drop-down list, select **Hikvision**. In the **Model** field, the **IP Receiver Pro** model will be selected by default.

4. Click the  button.

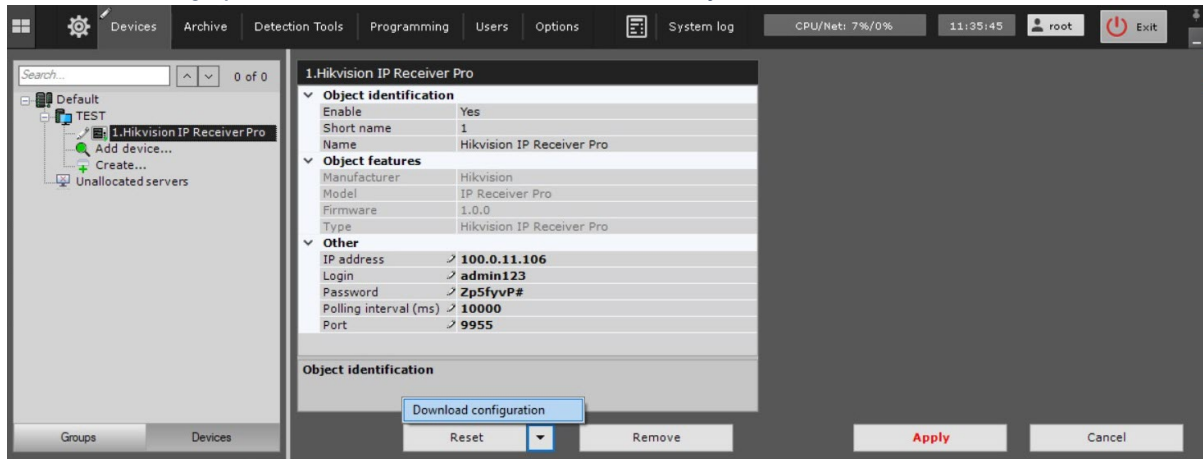
As a result, the **Hikvision IP Receiver Pro** integration module is displayed in the device tree.



5 Configuring the object of the Hikvision IP Receiver Pro integration module

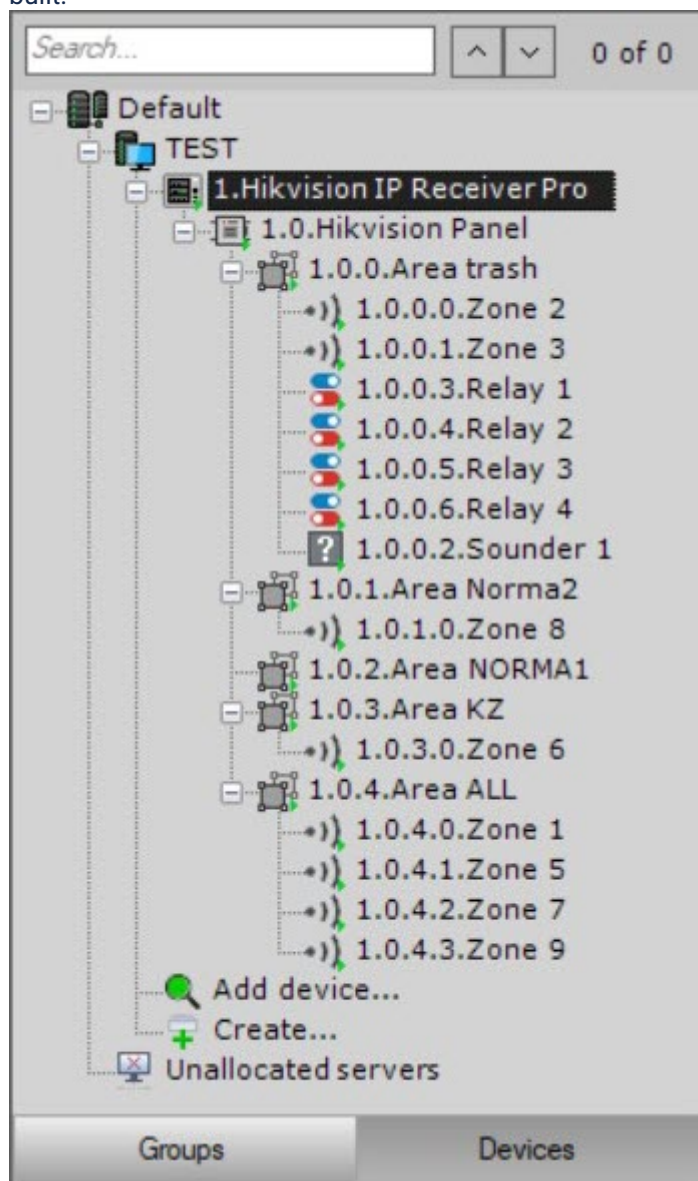
To configure the object of the **Hikvision IP Receiver Pro** integration module, do the following:

1. Go to the settings panel of the **Hikvision IP Receiver Pro** object.



2. In the **IP address** field, enter the IP address of the computer with the installed [Hik IP Receiver Pro](#) manufacturer's software.
3. In the **Login** field, enter the user login to log in to the Hik IP Receiver Pro manufacturer's software.
4. In the **Password** field, enter the user password to log in to the Hik IP Receiver Pro manufacturer's software.
5. In the **Polling interval (ms)** field, enter the period of polling of the **Hikvision IP Receiver Pro** device about new alarm events in milliseconds. The default value is **1000**.
6. In the **Port** field, enter the port number to work with the Hik IP Receiver Pro manufacturer's software.
7. Click the **Apply** button to save the settings.
8. Click the  button and select **Download configuration** from the drop-down list to automatically download the configuration and build the device tree.
9. Click the **Apply** button.

Configuration of the **Hikvision IP Receiver Pro** integration module is complete. As a result, a device tree is built:



6 Working with the Hikvision IP Receiver Pro integration module

6.1 General information about working with the Hikvision IP Receiver Pro integration module

The **Map**, **Equipment Board** and **Macro** interface objects are used to work with the **Hikvision IP Receiver Pro** integration module.

For the information on configuring these interface objects, see [Configuring the interactive map](#), [Configuring an Equipment Board](#), and [Programming](#).

For the information on working with these interface objects, see [Working with the interactive map](#), [Working with Equipment Board](#), and [Macros control](#).

6.2 Configuring macros when working with the Hikvision IP Receiver Pro integration module



[Programming](#)

[Macros control](#)

When working with the **Hikvision IP Receiver Pro** integration module, you can configure a macro that will trigger when an event is received from **Hikvision IP Receiver Pro**.

When configuring a macro, you must select a specific object of the **Hikvision IP Receiver Pro** integration module.

Example of a configured macro:

Name: Working mode:

☐ Add to menu

Start conditions

Default: 1.Hikvision IP Receiver Pro: 1.0.Hikvision Panel: 1.0.4.Area ALL: 1.0.4.0.Zone 1

Start conditions: —

Event:

Add event filter

ACFA: Execute action

Default: 1.Hikvision IP Receiver Pro: 1.0.Hikvision Panel: 1.0.4.Area ALL

Component:

Action:

6.3 Managing the object of the Hikvision IP Receiver Pro integration module

You cannot manage the object of the **Hikvision IP Receiver Pro** integration module in the **Map** and **Equipment Board** interface objects.

The object of the **Hikvision IP Receiver Pro** integration module can have the following states:

	Unknown
	Connected
	Disconnected

6.4 Managing the panel of the Hikvision IP Receiver Pro integration module

You cannot manage the **Hikvision Panel** object of the **Hikvision IP Receiver Pro** integration module in the **Map** and **Equipment Board** interface objects.

The **Hikvision Panel** object of the **Hikvision IP Receiver Pro** integration module can have the following states:

	Unknown
	Connected
	Disconnected

6.5 Managing the area of the Hikvision IP Receiver Pro integration module

You can manage the area of the **Hikvision IP Receiver Pro** integration module in the **Map** and **Equipment Board** interface objects using the menu of the **Area** object. To display the menu of the **Area** object, right-click the required object. Commands to manage the area of the **Hikvision IP Receiver Pro** integration module are described in the table:

Menu command	Function
Stay arm	Leave armed
Away arm	Arm
Disarm	Disarm
Clear alarms	Confirm all alarms from all devices in an area

The **Area** object of the **Hikvision IP Receiver Pro** integration module can have the following states:

	Unknown
	Alarm
	Armed

	Disarmed
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6.6 Managing the zone of the Hikvision IP Receiver Pro integration module

You can manage the zone of the **Hikvision IP Receiver Pro** integration module in the **Map** and **Equipment Board** interface objects using the menu of the **Zone** object. To display the menu of the **Zone** object, right-click the required object. Commands to manage the zone of the **Hikvision IP Receiver Pro** integration module are described in the table:

Menu command	Function
Bypass	Enable the alarm bypass mode
Bypass recover	Disable the alarm bypass mode

The **Zone** object of the **Hikvision IP Receiver Pro** integration module can have the following states:

	Unknown
	Online
	Offline
	Triggered
	Fault
	Signal issues

	Armed
	Disarmed
	Alarm
	Low power
	Tampered
	Bypass

6.7 Managing the relay of the Hikvision IP Receiver Pro integration module

You can manage the relay of the **Hikvision IP Receiver Pro** integration module in the **Map** and **Equipment Board** interface objects using the menu of the **Relay** object. To display the menu of the **Relay** object, right-click the required object. Commands to manage the relay of the **Hikvision IP Receiver Pro** integration module are described in the table:

Menu command	Function
Open	Open a relay
Close	Close a relay

The **Relay** object of the **Hikvision IP Receiver Pro** integration module can have the following states:

	Unknown
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	Open
	Closed
	Offline

6.8 Managing the device of the Hikvision IP Receiver Pro integration module

You cannot manage the device of the **Hikvision IP Receiver Pro** integration module in the **Map** and **Equipment Board** interface objects.

The device of the **Hikvision IP Receiver Pro** integration module can have the following states:

	Unknown
	Online
	Offline
	Signal issues
	Low power
	Enabled
	Disabled

	Tampered
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