



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

ACFA PSIM 1.5

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Table of Contents

1	List of terms used in the Guide for configuring and working with the Hikvision IP Receiver Pro integration module	3
2	Introduction into the Guide for configuring and working with the Hikvision IP Receiver Pro integration module	4
2.1	Purpose of the document	4
2.2	General information about the Hikvision IP Receiver Pro integration module	4
3	Supported software and licensing of the Hikvision IP Receiver Pro integration module.....	5
4	Configuring the Hikvision IP Receiver Pro integration module	6
4.1	Configuring the Hikvision IP Receiver Pro parent object	6
5	Working with the Hikvision IP Receiver Pro integration module.....	7
5.1	General information about working with the Hikvision IP Receiver Pro integration module ...	7
5.2	Managing the parent object of the Hikvision IP Receiver Pro integration module	7
5.3	Managing the panel of the Hikvision IP Receiver Pro integration module.....	7
5.4	Managing the subsystem of the Hikvision IP Receiver Pro integration module	8
5.5	Managing the zone of the Hikvision IP Receiver Pro integration module	8
5.6	Managing the output of the Hikvision IP Receiver Pro integration module.....	10
5.7	Managing the device of the Hikvision IP Receiver Pro integration module	10
5.8	Example of a configured macro of the Hikvision IP Receiver Pro integration module	11

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

Server is a computer with the installed **Server** configuration of *Axxon PSIM*.

Fire&Security Alarm (FSA) system is a fire alarm system (in this case, *Hikvision IP Receiver Pro*).

Panel is a *Hikvision IP Receiver Pro* advanced control panel of the supported model.

Subsystem is a part of the territory controlled by the *Hikvision IP Receiver Pro FSA*.

Zone is a smaller area or a single object (for example, a window) within a subsystem controlled by the *Hikvision IP Receiver Pro FSA*.

Output is a programmable device connected to the *Hikvision IP Receiver Pro* panel. It controls the transition from one subsystem to another.

Alarm is a signal to the Operator to react to the situation.

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 and operators of the *Hikvision IP Receiver Pro* module. This module is a part of the Fire&Security Alarm (FSA) system implemented on the basis of *ACFA PSIM*.

The Guide has the following information:

1. General information about the *Hikvision IP Receiver Pro* integration module.
2. Configuring the *Hikvision IP Receiver Pro* integration module.
3. 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 *ACFA PSIM* and is used to perform the following functions:

1. Configuration of the *Hikvision IP Receiver Pro* controller (manufactured by *Hikvision*).
2. Interaction between the *Hikvision IP Receiver Pro* controller and *ACFA PSIM* (monitoring, control).

Note

For more information about the *Hikvision IP Receiver Pro* FSA, see the official reference documentation for this system.

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 PSIM* server (see the *Hikvision* official reference documentation).

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

Manufacturer	Hikvision USA Address: 18639 Railroad Street, City of Industry, California 91748 Phone: +1-909-895-0400 Phone (toll-free): +1-866-200-6690 (USA and Canada only) Phone: 909-612-9039 (technical support) Email (technical support): techsupport.usa@hikvision.com Email (sales department): sales.usa@hikvision.com Website: http://www.hikvision.com/en/
Type of integration	SOFT-SOFT
Hardware connection	Ethernet

Supported hardware

Hardware	Function
Hikvision DS-PHA48-EP	Control panel

Supported software

Software	Function
Hik IP Receiver Pro Version V2.2.1.3Build20241029	Access control software

Module licensing

Per each zone (**ACFASensor**).

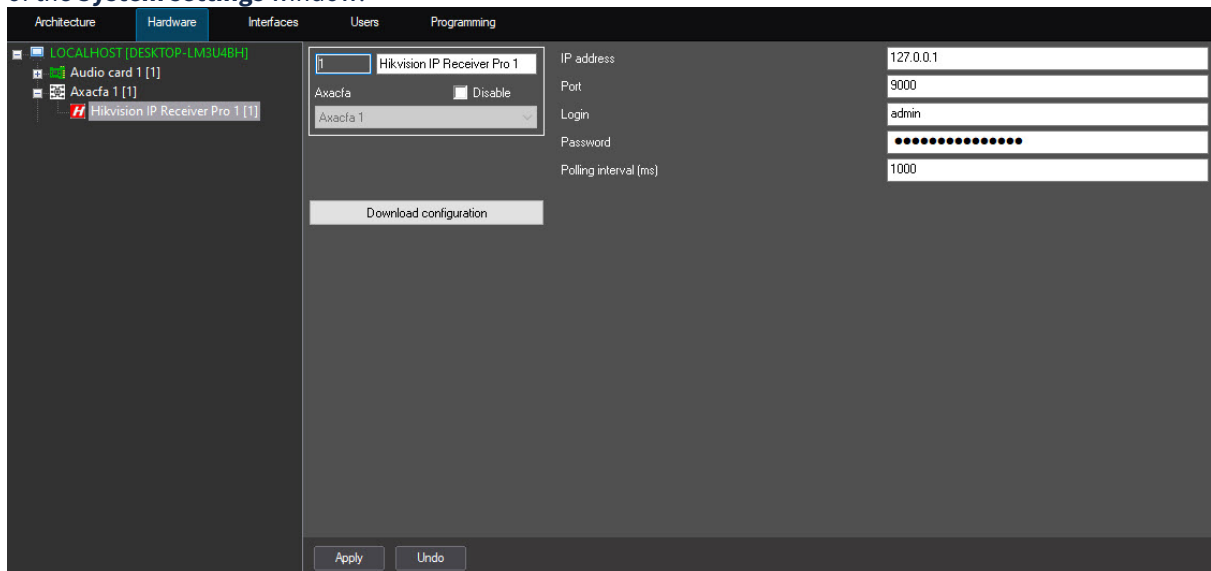
4 Configuring the Hikvision IP Receiver Pro integration module

4.1 Configuring the Hikvision IP Receiver Pro parent object

To work with the *Hikvision IP Receiver Pro* integration module, you must install and configure the *AxACFA* feature. For more details, see [Connecting and configuring the AxACFA feature](#).

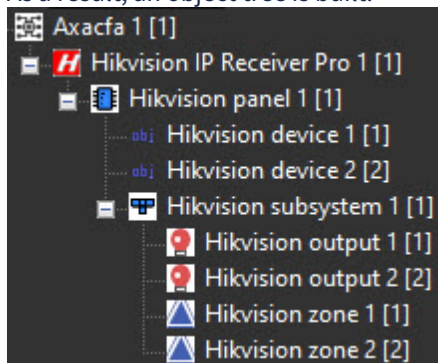
To configure the *Hikvision IP Receiver Pro* parent object, do the following:

1. Create the **Hikvision IP Receiver Pro** parent object on the basis of the **Axacfa** object on the **Hardware** tab of the **System settings** window.



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 **Port** field, enter the port number to work with the *Hik IP Receiver Pro* manufacturer's software.
4. In the **Login** field, enter the user login to log in to the *Hik IP Receiver Pro* manufacturer's software.
5. In the **Password** field, enter the user password to log in to the *Hik IP Receiver Pro* manufacturer's software.
6. 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**.
7. Click the **Apply** button to save the settings.
8. Click the **Download configuration** button to download the configuration.

As a result, an object tree is built:



Configuration of the *Hikvision IP Receiver Pro* parent object is complete.

5 Working with the Hikvision IP Receiver Pro integration module

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

The following interface objects are used to work with the *Hikvision IP Receiver Pro* integration module:

1. **Map.**
2. **Event Viewer.**




For the information on configuring these interface objects, see the *Axxon PSIM Administrator's Guide*.

For the information on working with these interface objects, see the *Axxon PSIM Operator's Guide*.

5.2 Managing the parent object of the Hikvision IP Receiver Pro integration module

You cannot manage the *Hikvision IP Receiver Pro* parent object in the **Map** window.


The *Hikvision IP Receiver Pro* parent object can have the following states:

	Unknown
	Connected
	Disconnected

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

You cannot manage the *Hikvision IP Receiver Pro* panel in the **Map** window.

The *Hikvision IP Receiver Pro* panel can have the following states:

	Unknown
	Connected
	Disconnected





5.4 Managing the subsystem of the Hikvision IP Receiver Pro integration module

You can manage the *Hikvision IP Receiver Pro* subsystem in the **Map** window using the menu of the corresponding object.

Commands to manage the *Hikvision IP Receiver Pro* subsystem are described in the table:

Command	Function
Stay arm	Leave the <i>Hikvision IP Receiver Pro</i> subsystem armed
Away arm	Arm the <i>Hikvision IP Receiver Pro</i> subsystem
Disarm	Disarm the <i>Hikvision IP Receiver Pro</i> subsystem
Clear alarms	Confirm all alarms from all devices in the <i>Hikvision IP Receiver Pro</i> subsystem

The *Hikvision IP Receiver Pro* subsystem can have the following states:

	Unknown
	Alarm
	Armed
	Disarmed

5.5 Managing the zone of the Hikvision IP Receiver Pro integration module













You can manage the *Hikvision IP Receiver Pro* zone in the **Map** window using the menu of the corresponding object.

Commands to manage the *Hikvision IP Receiver Pro* zone are described in the table:

Command	Function
Bypass	Enable the alarm bypass mode of the <i>Hikvision IP Receiver Pro</i> zone

Command	Function
Bypass recover	Disable the alarm bypass mode of the <i>Hikvision IP Receiver Pro</i> zone

The *Hikvision IP Receiver Pro* zone can have the following states:

	Unknown
	Online
	Offline
	Triggered
	Fault
	Signal issues
	Armed
	Disarmed
	Alarm
	Low power
	Tampered
	Bypass




5.6 Managing the output of the Hikvision IP Receiver Pro integration module

You can manage the *Hikvision IP Receiver Pro* output in the **Map** window using the menu of the corresponding object.

Commands to manage the *Hikvision IP Receiver Pro* output are described in the table:

Command	Function
Open	Open the <i>Hikvision IP Receiver Pro</i> output
Close	Close the <i>Hikvision IP Receiver Pro</i> output




The *Hikvision IP Receiver Pro* output can have the following states:






	Unknown
	Open
	Closed
	Offline

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

You cannot manage the *Hikvision IP Receiver Pro* device in the **Map** window.

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

	Unknown
	Online
	Offline

	Signal issues
	Low power
	Enabled
	Disabled
	Tampered

5.8 Example of a configured macro of the Hikvision IP Receiver Pro integration module

- ✓ [Creating and using macros](#)
- [Examples of macros](#)

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

Example of a configured macro:

Response sending delay (s):

Disable

Fast call

Icon type:

Settings

State:

Local Hidden

Events

Type	Number	Name	Event
Hikvision output	1	Hikvision output 1	Error

Parameters

Name	Value

Actions

Type	Number	Name	Action
Hikvision output	1	Hikvision output 1	Close

Parameters

Name	Value

Apply

Undo