



PERIDECT+ (Drivers pack) Integration Module Setup and User Guide

Last update 24/05/2021

Table of contents

1	Introduction into PERIDECT+ Integration Module Setup and User Guide	3
1.1	Purpose and Structure of the Guide	3
1.2	General information about the PERIDECT+ integration module	3
2	Hardware compatibility and licensing of the PERIDECT+ module.....	4
3	Configuring the PERIDECT+ Integration Module.....	5
3.1	Pre-configuring the PERIDECT+ PIDs	5
3.2	Connecting the PERIDECT+ PIDs to ACFA Intellect	5
3.3	Configuring the PERIDECT+ line controller	6
3.4	Configuring the PERIDECT+ detection sensors	7
3.4.1	Configuring the PERIDECT+ detection sensors outside the group.....	7
3.4.2	Configuring the PERIDECT+ detection sensors group	8
3.5	Configuring the PERIDECT+ extension module.....	8
4	Working with the PERIDECT+ integration module	10
4.1	General information about working with the PERIDECT+ integration module.....	10
4.2	Managing the PERIDECT+ central processor	10
4.3	Managing the PERIDECT+ line controller.....	10
4.4	Managing the PERIDECT+ detection sensor	11
4.5	Managing the PERIDECT+ detection sensor group	11
4.6	Managing the PERIDECT+ detector module	12

1 Introduction into PERIDECT+ Integration Module Setup and User Guide

On the page:

- [Purpose and Structure of the Guide](#)
- [General information about the PERIDECT+ integration module](#)

1.1 Purpose and Structure of the Guide

The *PERIDECT+ Module Settings Guide* is a reference manual designed for *PERIDECT+* Module users. This module functions as a part of perimeter intrusion detection system based on the *ACFA-Intellect* software package.

This Guide presents the following materials:

1. General information about the *PERIDECT+* integration module;
2. Configuration of the *PERIDECT+* integration module;
3. Working with the *PERIDECT+* integration module.

1.2 General information about the PERIDECT+ integration module

The *PERIDECT+* integration module works as a part of the **Security equipment** which is included as a compound of *ACFA Intellect*. It is designed to monitor and control detectors of the *PERIDECT+* PIDs. Configuring the *PERIDECT+* PIDs hardware in *ACFA-Intellect* is not possible.

Attention!

The following software is required for the *PERIDECT+* integration module operation:

- *Drivers pack* (you can download it in here: [Drivers pack](#));
- Internet Explorer 11 or higher.

Before configuring the *PERIDECT+* PIDs integration module, it is necessary to install the hardware onsite and perform the initial setup of the *PERIDECT+* PIDs devices.

Note

Detailed information about the *PERIDECT+* PIDs is presented in the official documentation for this system (manufacturer: SIEZA).

2 Hardware compatibility and licensing of the PERIDECT+ module

Manufacturer	SIEZA Czech Republic, 108 00 Praha 10, Sazečská 645/12 Site: https://www.sieza.com/ E-mail: sieza@sieza.com
Integration type	Drivers Pack (OPC UA)
Hardware connections	Ethernet

Supported equipment

Equipment	Function
Control Unit PERIDECT+ (CUP+)	Central processor of the "PERIDECT+" system.
Line Controller PERIDECT+ (LCP+)	Line controller of the "PERIDECT+" system.
Detection Sensor PERIDECT+ (DSP+)	Addressable detection sensor of the "PERIDECT+" system.
PERIDECT-IOP+/EXP (IOP+/EXP)	Extension module of the "PERIDECT+" system.

Protection

For 1 detection sensor

3 Configuring the PERIDECT+ Integration Module

3.1 Pre-configuring the PERIDECT+ PIDs

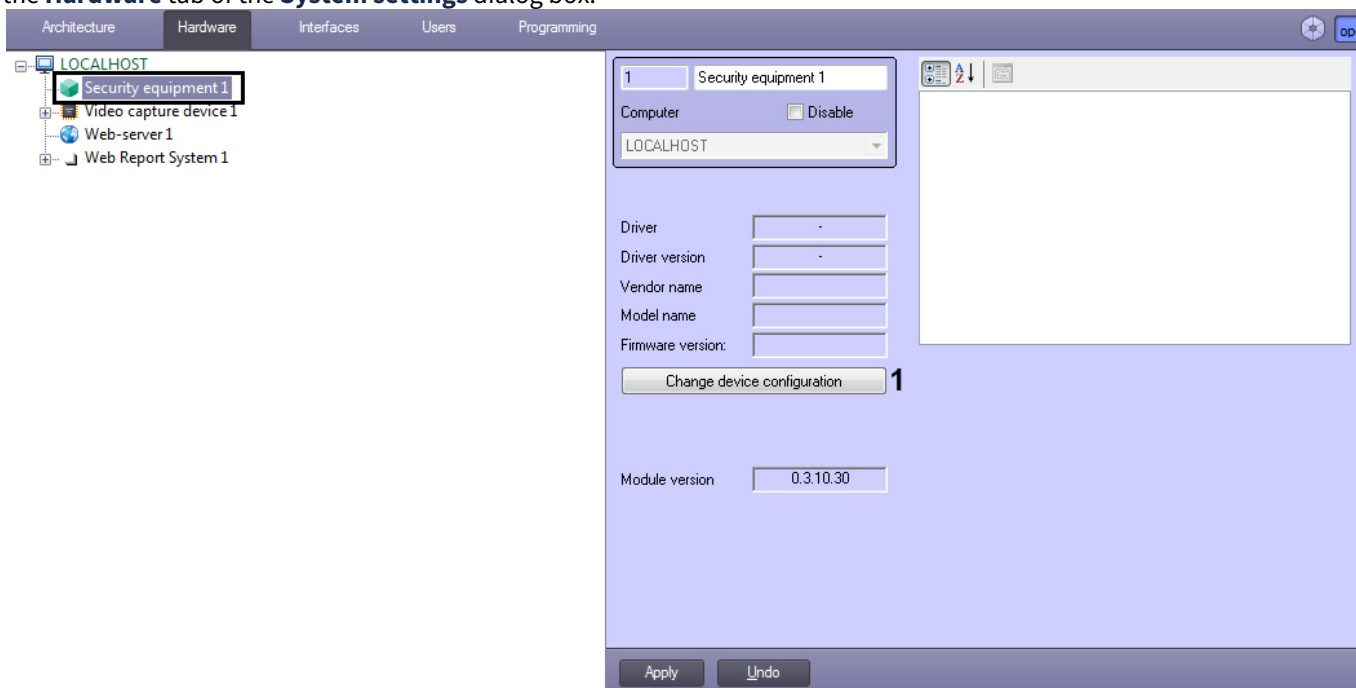
Before you configure the *PERIDECT+* module in *ACFA Intellect*, do the following:

1. Request the *PERIDECT+* PIDs utility from the manufacturer and install it.
2. Establish a connection to the *CUP+* device and make the necessary settings according to the manufacturer's instructions.

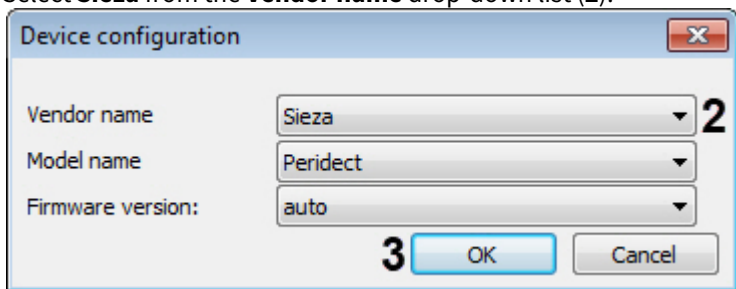
3.2 Connecting the PERIDECT+ PIDs to ACFA Intellect

The *PERIDECT+* PIDs connection to *ACFA Intellect* is configured as follows:

1. Go to the settings panel of the **Security equipment** object, which is created on the basis of the **Computer** object on the **Hardware** tab of the **System settings** dialog box.



2. On the settings panel of the **Security equipment** object, click the **Change device configuration** button (1).
3. Select **Sieza** from the **Vendor name** drop-down list (2).



Note

All other parameters will be filled in automatically.

4. Click **OK** button (3).

5. In the **Address** field (4), enter the IP address of the *CUP+* device.

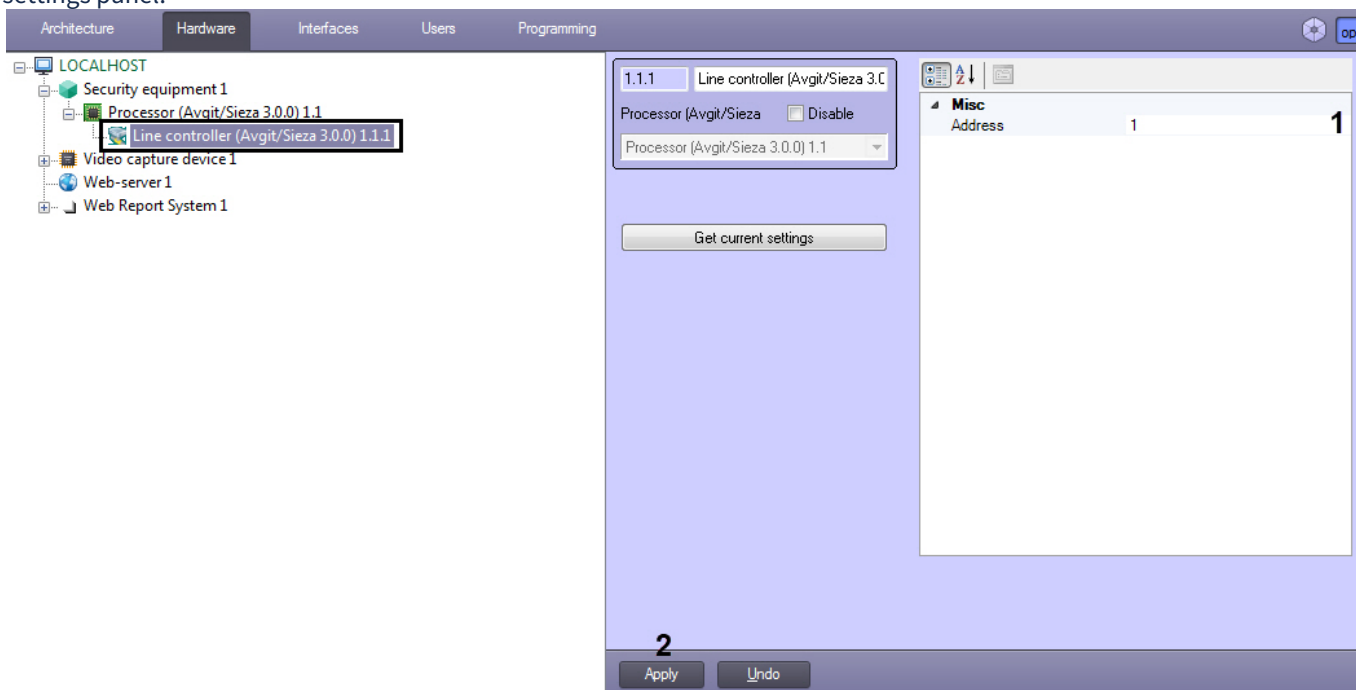
6. Set the **Record configuration dynamically** parameter (5) to **True** if you want any changes made in *ACFA-Intellect* to be automatically written to the device, otherwise **False**, i.e. changes will not be written to the device.
7. In the **Login** (6) and **Password** (7) fields, enter the login and password, respectively, to connect to the *CUP+* device, if they have been installed.
8. In the **Port** field (8) specify port **80**.
9. Click the **Apply** button (9).

3.3 Configuring the PERIDECT+ line controller

After connecting the *PERIDECT+* software to *ACFA Intellect*, the **Processor** object will be automatically created under the **Security equipment** object, which corresponds to the *CUP+* device.

To configure the *PERIDECT+* line controller, do the following:

1. On the basis of the **Processor** object, create a **Line controller** object that corresponds to the *LCP+* device, and go to its settings panel.



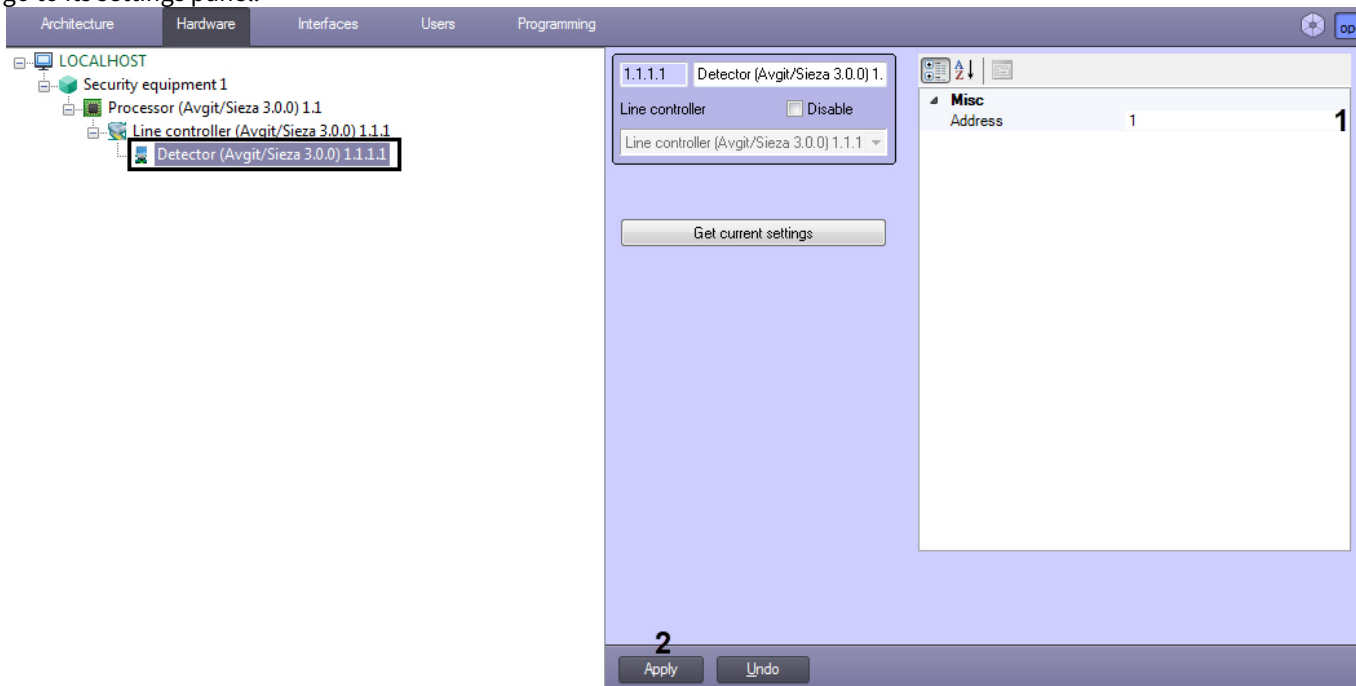
2. In the **Address** field (1), enter the device address in the system configuration.
3. Click the **Apply** button (2) to save the changes.

3.4 Configuring the PERIDECT+ detection sensors

3.4.1 Configuring the PERIDECT+ detection sensors outside the group

To configure the *PERIDECT+* detection sensors outside the group, do the following:

1. On the basis of the **Line controller** object, create a **Detector** object that corresponds to the *DSP+* detection sensor, and go to its settings panel.



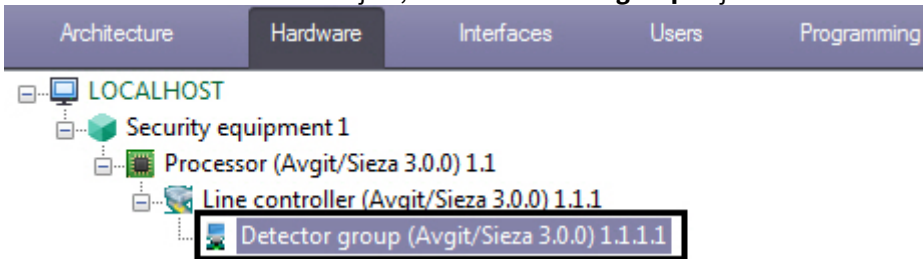
2. In the **Address** field (1) enter the address of the detection sensor in the system configuration.

3. Click the **Apply** button (2) to save the changes.

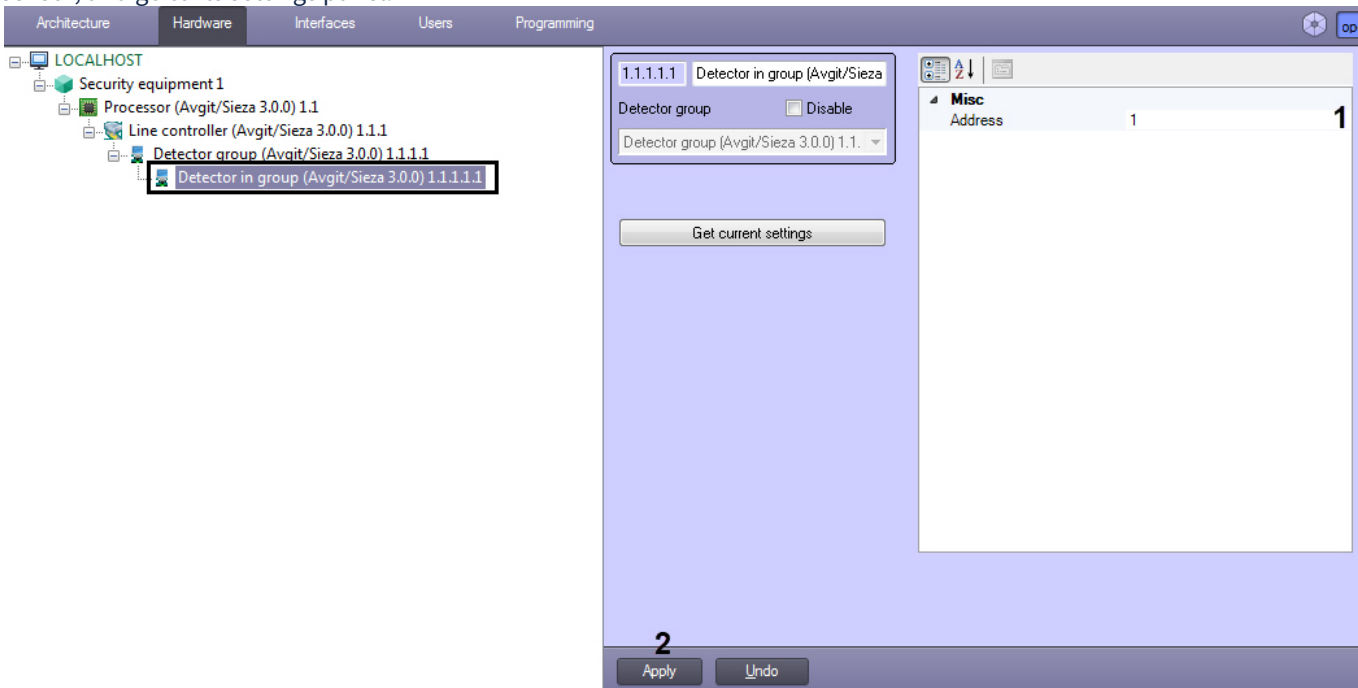
3.4.2 Configuring the PERIDECT+ detection sensors group

To configure the *PERIDECT+* detection sensors group, do the following:

1. Based on the **Line controller** object, create a **Detector group** object.



2. On the basis of the **Detector group** object, create a **Detector in group** object that corresponds to the *DSP+* detection sensor, and go to its settings panel.

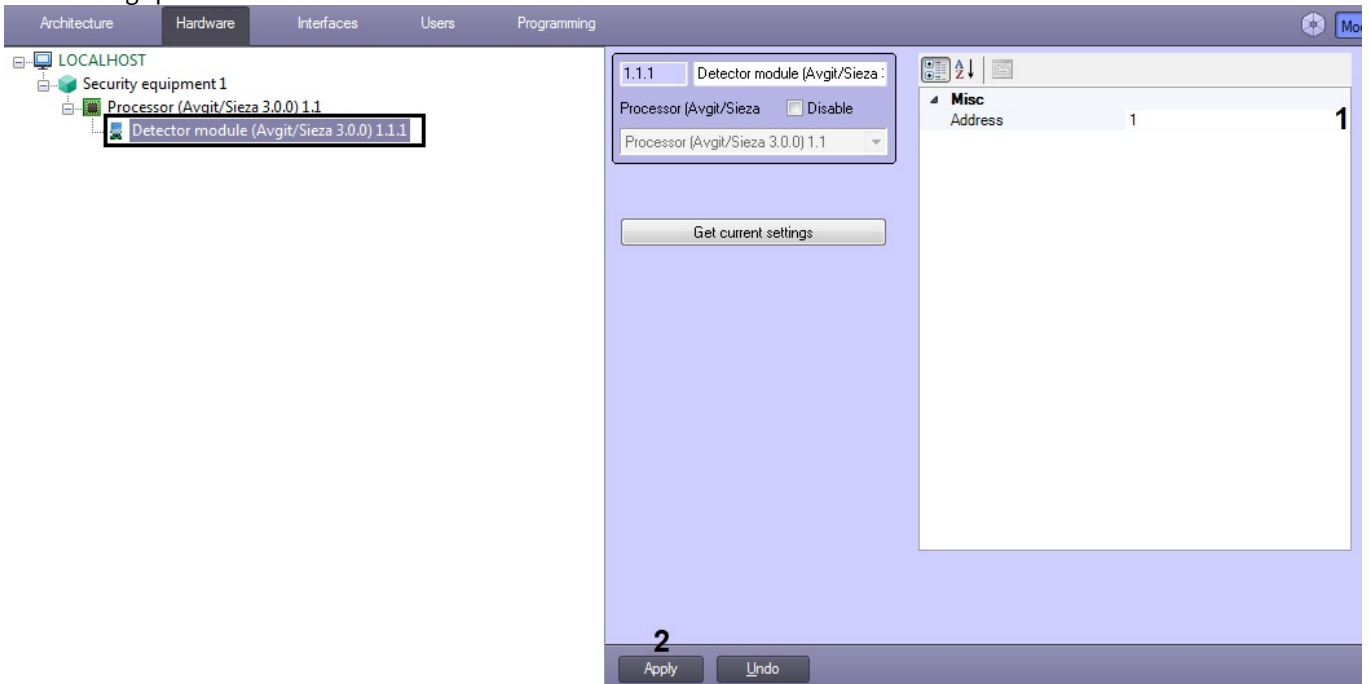


3. In the **Address** field (1) enter the address of the detection sensor in the system configuration.
4. Click the **Apply** button (2) to save the changes.

3.5 Configuring the PERIDECT+ extension module

To configure the *PERIDECT+* extension module, do the following:

1. On the basis of the **Processor** object, create a **Detector module** object that corresponds to the *IOP+/EXP* device, and go to its settings panel.



2. In the **Address** field (1) enter the address of device in the system configuration.
3. Click the **Apply** button (2) to save the changes.

4 Working with the PERIDECT+ integration module

4.1 General information about working with the PERIDECT+ integration module

The following interface objects are used for working with *PERIDECT+* integration module:

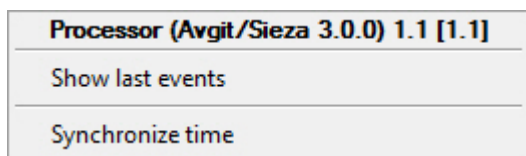
1. **Map;**
2. **Events protocol.**

Information about **Map** and **Events protocol** interface objects' configuration is given in the [Intellect Software Package: Administrator's Guide](#).

Working with these interface objects is given in details in [Intellect Software Package: Operator's Guide](#).

4.2 Managing the PERIDECT+ central processor



The *PERIDECT+* central processor is managed in the **Map** interactive window using the **Processor** object functional menu:



The **Processor** object functional menu commands description is given in the table.

Menu command	Function performed
Synchronize time	Synchronize time


The following states are possible:


	Normal
	Failure

4.3 Managing the PERIDECT+ line controller

The *PERIDECT+* line controller is not controlled in the **Map** interactive window.

The following states are possible:

	Normal
--	--------

	Failure
---	---------

4.4 Managing the PERIDECT+ detection sensor





The *PERIDECT+* detection sensor is managed in the **Map** interactive window using the **Detector** object functional menu:

Detector (Avgit/Sieza 3.0.0) 1.1.1.1 [1.1.1.1]
Show last events
Confirm alarm status

The **Detector** object functional menu commands description is given in the table.

Menu command	Function performed
Confirm alarm status	Operator acknowledgment of alarm

The following states are possible:

	Normal
	Intrusion
	Inactive alarm
	Confirmed alarm

4.5 Managing the PERIDECT+ detection sensor group





The *PERIDECT+* detection sensor group is managed in the **Map** interactive window using the **Detector group** object functional menu:

Detector group (Avgit/Sieza 3.0.0) 1.1.1.1 [1.1.1.1]
Show last events
Confirm alarm status

The **Detector group** object functional menu commands description is given in the table.

Menu command	Function performed
Confirm alarm status	Operator acknowledgment of alarm

The following states are possible:

	Normal
	Intrusion
	Inactive alarm
	Confirmed alarm

4.6 Managing the PERIDECT+ detector module


The *PERIDECT+* detector module is managed in the **Map** interactive window using the **Detector module** object functional menu:






Detector module (Avgit/Sieza 3.0.0) 1.1.1 [1.1.1]
Show last events
Arm detector
Confirm alarm status
Disarm detector

The **Detector module** object functional menu commands description is given in the table.

Menu command	Function performed
Arm detector	Arm the detection sensor
Confirm alarm status	Operator acknowledgment of alarm
Disarm detector	Disarm the detection sensor

The following states are possible:

	Normal
--	--------

	<p>Intrusion</p>
	<p>Inactive alarm</p>
	<p>Confirmed alarm</p>
	<p>Tamper</p>
	<p>Detection is disarmed</p>