



Dahua Integration Module Settings Guide

ACFA PSIM 1.0

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Table of Contents

1	Introduction into Dahua Module Settings Guide	3
1.1	Purpose of the document	3
1.2	General information about the Dahua integration module	3
2	Supported hardware and licensing of the Dahua integration module	4
3	Configuration of the Dahua integration module	5
3.1	Configuring the Dahua terminal connection	5
3.2	Writing users to all Dahua terminals	5
3.3	Setting up the Dahua Door	6
4	Working with the Dahua integration module	7
4.1	General information about working with the Dahua module	7
4.2	Managing the Dahua Door	7

1 Introduction into Dahua Module Settings Guide

On this page:

- [Purpose of the document](#)
- [General information about the Dahua integration module](#)

1.1 Purpose of the document

This *Dahua Integration Module Settings Guide* is a reference manual designed for *Dahua* module configuration technicians.

This Guide presents the following materials:

1. General information about the *Dahua* integration module.
2. Configuration of the *Dahua* integration module.
3. Working with the *Dahua* integration module.

1.2 General information about the Dahua integration module

The *Dahua* module is a component of an ACS built on the *ACFA PSIM* Software System. It was designed to perform the following functions:

1. Configuration of the *Dahua* hardware;
2. Interaction between the *Dahua* hardware and the *ACFA PSIM* Software System.

Note

Detailed information about the *Dahua* ACS is presented in the official documentation for this system (manufactured by Dahua Technology Co., Ltd.).

Before configuring the *Dahua* ACS integration module, do the following:

1. Install the *Dahua* hardware on the protected territory (for details, see the *Dahua* guide).
2. Connect the *Dahua* ACS hardware to the *Axxon PSIM* Server (for details, see the *Dahua* guide).

2 Supported hardware and licensing of the Dahua integration module

Manufacturer	Dahua Technology Co., Ltd. No.1199, Bin'an Road, Binjiang District, Hangzhou, China P.C:310053 Phone: +86 571 8768 8883 Fax: +86 571 8768 8815 overseas@dahuatech.com https://www.dahuasecurity.com
Integration type	SDK
Equipment connection	Ethernet

Supported equipment

Equipment	Function
All Dahua terminal models are supported. The ASA4214F and DHI-ASI7213X-T1 terminals have been tested by AxxonSoft's quality control department	Access control terminal

Licensing

Per 1 terminal.

3 Configuration of the Dahua integration module

3.1 Configuring the Dahua terminal connection

The *Dahua* terminal connection is configured as follows:

1. Create a **Dahua** object based on the **Computer** object on the **Hardware** tab of the **System settings** dialog window.



2. Go to the settings panel of the **Dahua ASA6214F** object, which is created based on the **Dahua** object.



3. In the **IP (1)** and **Port (2)** fields, enter the IP address and port of the terminal.
4. In the **Login (3)** and **Password (4)** fields, enter the login and password to connect to the terminal.
5. Set the **Temperature/Mask events (5)** checkbox if it is necessary to display the events with the body temperature and the face mask presence/absence in the **Event viewer** interface object.
6. Click **Apply (6)** to save the settings.

The *Dahua* terminal connection is now configured.

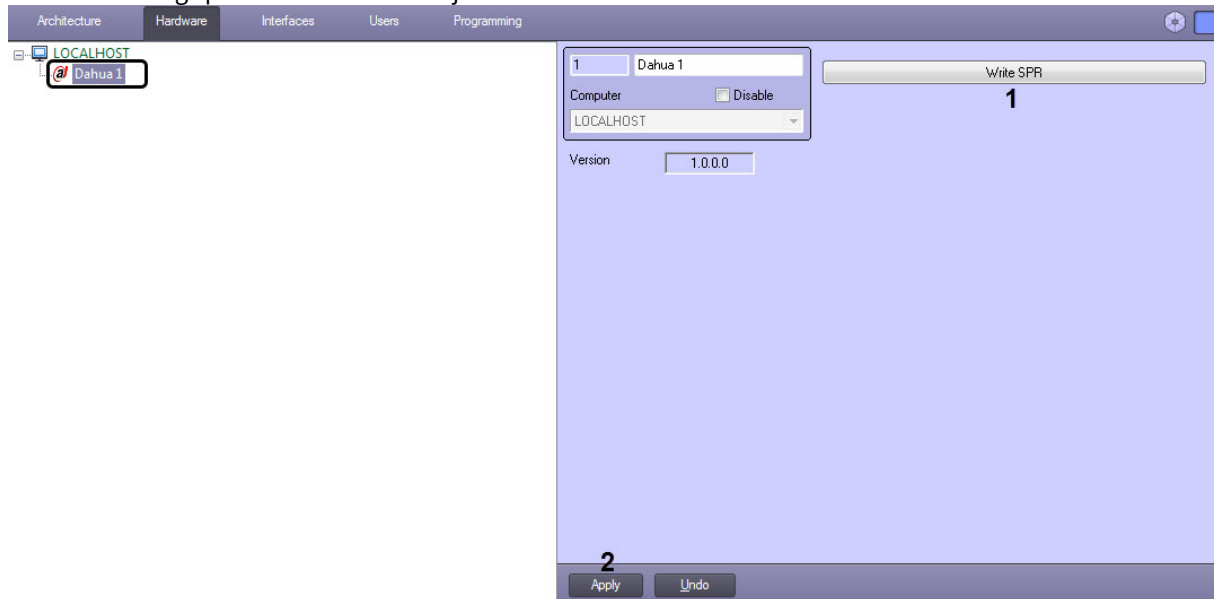
3.2 Writing users to all Dahua terminals

Note

Fingerprints and user faces are entered through the access control terminal itself.

The users are recorded to all *Dahua* terminals as follows:

1. Go to the settings panel of the **Dahua** object.



2. Click the **Write SPR** button (1) to send the data of the *Access Manager* module to all connected terminals.
3. Click **Apply** (2) to save the settings.

The users are now recorded to all *Dahua* terminals.

3.3 Setting up the Dahua Door

To be able to control the door from the map, it is necessary to create the **Dahua ASA6214F Door** object based on the **Dahua ASA6214F** object.



4 Working with the Dahua integration module

4.1 General information about working with the Dahua module

The following interface objects are used for *Dahua* integration module operation:

1. **Map.**
2. **Event viewer.**

For detailed description of configuring these interface objects, please refer to the *Axxon PSIM* software package. [Administrator's Guide](#).

For detailed description of using these interface objects, please refer to the *Axxon PSIM* software package. [Operator's Guide](#).

The DHI-ASI7213X-T1 access control terminal allows to measure body temperature and determine the presence/absence of a mask on the user's face.

The overtemperature events are displayed in the **Event viewer** interface object.

Source	Event	Add. info	Date and time
Dahua ASA6214F 1.1	Passage denied	User: claire User: unknown Over temperature	08-Dec-20 3:43:07 PM
Dahua ASA6214F 1.1	Passage denied	User: claire User: unknown Over temperature	08-Dec-20 3:43:27 PM
Dahua ASA6214F 1.1	Passage denied	User: claire User: unknown Over temperature	08-Dec-20 3:43:47 PM
Dahua ASA6214F 1.1	Passage denied	User: unknown User: unknown Over temperature	08-Dec-20 3:44:07 PM
Dahua ASA6214F 1.1	Passage denied	User: unknown User: unknown Over temperature	08-Dec-20 3:44:27 PM
Dahua ASA6214F 1.1	Passage denied	User: unknown User: unknown Over temperature	08-Dec-20 3:44:47 PM

The exact temperature value and the presence/absence of a face mask are displayed in the debug window (for details on working with the debug window, see *Axxon PSIM* software package. [Administrator's Guide](#)).

```

Event : DAHUA_DOOR|1.1|FAMILY_SOFT|slave_id<CAREV.1>.temperature< User temperature: 0.00000 C>.owner<CAREV>.module<dahua.run>.date<06-06-20>.mask<Mask>.guid_pk<{AF2DF284-8EB0-EA11-A61C-E0D55E4B3355}>.core_global<1>.time<12:02:25>.param0< User: unknown >.source_guid<04988494-4eb0-ea11-a61c-e0d55e4b3355>
Event : DAHUA_DOOR|1.1|FAMILY_SOFT|slave_id<CAREV.1>.temperature< User temperature: 0.00000 C>.owner<CAREV>.module<dahua.run>.date<06-06-20>.mask<Mask>.guid_pk<{B02DF284-8EB0-EA11-A61C-E0D55E4B3355}>.core_global<1>.time<12:02:26>.param0< User: unknown >.source_guid<04988494-4eb0-ea11-a61c-e0d55e4b3355>
Event : DAHUA_DOOR|1.1|FAMILY_SOFT|slave_id<CAREV.1>.temperature< User temperature: 0.00000 C>.owner<CAREV>.module<dahua.run>.date<06-06-20>.mask<Mask>.guid_pk<{B12DF284-8EB0-EA11-A61C-E0D55E4B3355}>.core_global<1>.time<12:02:28>.param0< User: unknown >.source_guid<04988494-4eb0-ea11-a61c-e0d55e4b3355>
Event : DAHUA_DOOR|1.1|FAMILY_SOFT|slave_id<CAREV.1>.temperature< User temperature: 0.00000 C>.owner<CAREV>.module<dahua.run>.date<06-06-20>.mask<Mask>.guid_pk<{B22DF284-8EB0-EA11-A61C-E0D55E4B3355}>.core_global<1>.time<12:02:34>.param0< User: unknown >.source_guid<04988494-4eb0-ea11-a61c-e0d55e4b3355>
Event : DAHUA_DOOR|1.1|FAMILY_SOFT|slave_id<CAREV.1>.temperature< User temperature: 0.00000 C>.owner<CAREV>.module<dahua.run>.date<06-06-20>.mask<Mask>.guid_pk<{B32DF284-8EB0-EA11-A61C-E0D55E4B3355}>.core_global<1>.time<12:02:38>.param0< User: unknown >.source_guid<04988494-4eb0-ea11-a61c-e0d55e4b3355>
Event : DAHUA_DOOR|1.1|FAMILY_SOFT|slave_id<CAREV.1>.temperature< User temperature: 0.00000 C>.owner<CAREV>.module<dahua.run>.date<06-06-20>.mask<Mask>.guid_pk<{B42DF284-8EB0-EA11-A61C-E0D55E4B3355}>.core_global<1>.time<12:02:42>.param0< User: unknown >.source_guid<04988494-4eb0-ea11-a61c-e0d55e4b3355>
Event : DAHUA_DOOR|1.1|FAMILY_SOFT|slave_id<CAREV.1>.temperature< User temperature: 0.00000 C>.owner<CAREV>.module<dahua.run>.date<06-06-20>.mask<Mask>.guid_pk<{B52DF284-8EB0-EA11-A61C-E0D55E4B3355}>.core_global<1>.time<12:02:50>.param0< User: unknown >.source_guid<04988494-4eb0-ea11-a61c-e0d55e4b3355>
Event : DAHUA_DOOR|1.1|FAMILY_SOFT|slave_id<CAREV.1>.temperature< User temperature: 0.00000 C>.owner<CAREV>.module<dahua.run>.date<06-06-20>.mask<Mask>.guid_pk<{B62DF284-8EB0-EA11-A61C-E0D55E4B3355}>.core_global<1>.time<12:02:52>.param0< User: unknown >.source_guid<04988494-4eb0-ea11-a61c-e0d55e4b3355>
Event : DAHUA_DOOR|1.1|FAMILY_SOFT|slave_id<CAREV.1>.temperature< User temperature: 0.00000 C>.owner<CAREV>.module<dahua.run>.date<06-06-20>.mask<Mask>.guid_pk<{B72DF284-8EB0-EA11-A61C-E0D55E4B3355}>.core_global<1>.time<12:02:54>.param0< User: unknown >.source_guid<04988494-4eb0-ea11-a61c-e0d55e4b3355>
    
```

4.2 Managing the Dahua Door





The *Dahua* Door is managed in the **Map** interactive window using the **Dahua Door** object functional menu.

Dahua ASA6214F Door 1.1.1 [1.1.1]
Show last events
Open door

The **Dahua Door** object functional menu commands description is given in the table:

Menu command	Function performed
Open door	Opens the door

The *Dahua* Door object can have the following states:

Dahua ASA6214F Door 1.1.1 [1.1.1] 	The door is open
Dahua ASA6214F Door 1.1.1 [1.1.1] 	The door is closed
Dahua ASA6214F Door 1.1.1 [1.1.1] 	Connection lost
Dahua ASA6214F Door 1.1.1 [1.1.1] 	The door is open for too long