

AMS Manual

NOTICE:

The AMS operators should use **Internet Explorer 11** to be able to watch event recordings and live broadcast. **Reason:** Mobotix IE add-in is used.

Table of Contents

Logging in.....	2
Admin page.....	2
Accessing the admin page.....	2
Adding a user.....	3
Regions.....	4
Creating a region.....	4
Assigning a region to a user.....	5
Selecting regions to spectate.....	5
Creating an object.....	6
Adding a camera.....	6
Camera's local settings.....	8
Operator page.....	10
Player window.....	11
Installing Mobotix Add-in.....	11
Information.....	11
Event download.....	12
Request form.....	12
Tracking download states.....	13

Logging in

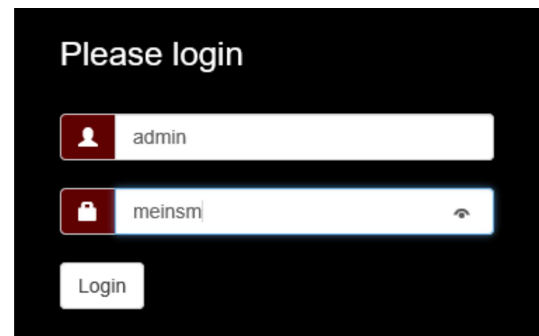
On the localhost, AMS can be reached through:

http://127.0.0.1:8000

The default login:

username: **admin**

password: **meinsm**

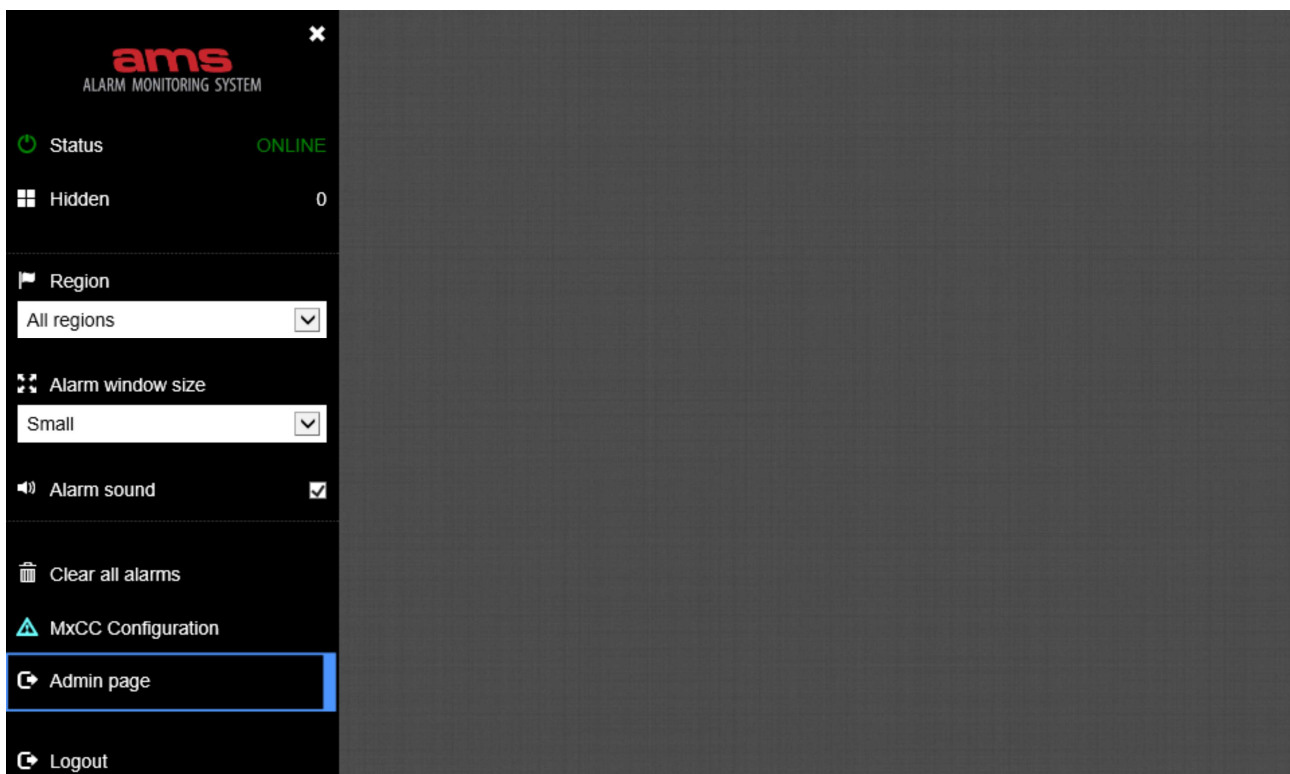
A login form titled "Please login" on a dark background. It features two input fields: the first for the username "admin" with a person icon, and the second for the password "meinsm" with a lock icon and a toggle for visibility. A "Login" button is positioned below the password field.

Img. 1: Login form

Admin page

Accessing the admin page

After successfully logging in, the system should redirect you to the **operator page**. To open the **admin page**, click the „Admin page“ button which is located at the bottom of the menu panel.



Img. 2: Operator page

Adding a user

Admin page → Users tab

Notice:

- All admins see the same panel. There are no separate restrictions.

The screenshot shows the 'AMS | Administration' interface with the 'Users' tab selected. The interface is divided into a 'Form' section on the left and a 'Data' section on the right. The 'Form' section contains fields for Username, Admin, Active, Password, Confirm password, and Regions. The 'Data' section contains a search bar and a list of users. Red circles and numbers 1 through 6 highlight specific elements: 1 points to the 'Users' tab, 2 points to the 'Username' field containing 'operator', 3 points to the 'Password' field, 4 points to the 'Confirm password' field, 5 points to the 'Regions' section, and 6 points to the 'Create' button.

AMS | Administration

Users Regions Objects Cameras Alarms User logs Operator page

Form

Username: 2 operator

Admin: ☐

Active: ☒

Password: 3

Confirm password: 4

Regions: 5

Available	Selected
Region 1	Main
Region 2	

6 Create

Data

Search by username

Username

admin (default)

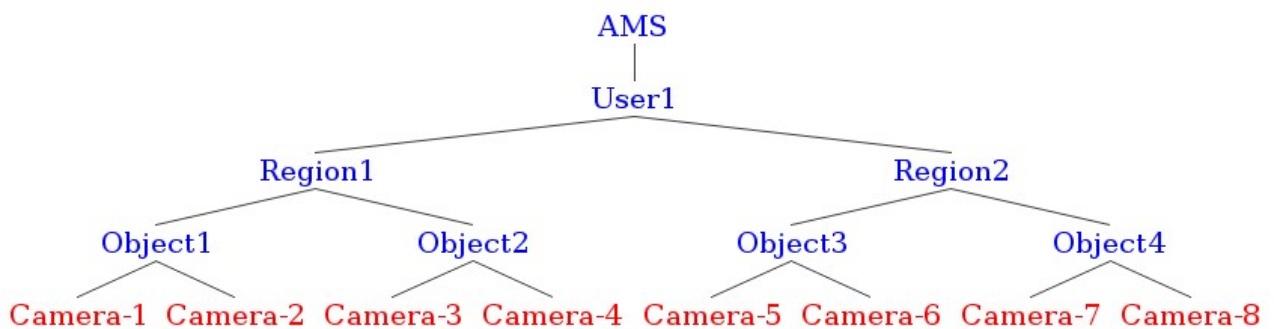
Regions

Notice:

- At least one region must be active!
- If different regions will not be used, just leave the auto-created Main (or rename it to a preferred label)

Each operator of the AMS can be assigned different regions to spectate.

Structure:



Img. 3: Structure

Creating a region

Admin page → Regions tab

AMS | Administration

Users Regions Objects Cameras Alarms User logs Operator page

Form

Label: 1 Region 1 x

Active: ☒

2 Create

Data

Search by label x Reload

Label ↑	Active	
Main (default)	true	X

Img. 4: Create region

Assigning a region to a user

Admin page → Users tab

The screenshot shows the 'Users' tab in the AMS Administration interface. The 'Form' section on the left contains fields for Username (operator), Admin (unchecked), Active (checked), Password, and Confirm password. Below these is a 'Regions' section with two columns: 'Available' and 'Selected'. In the 'Available' column, 'Region 1' is circled in red and labeled with a red '3'. A red arrow points from 'Region 1' to the 'Selected' column, which contains 'Main'. Below the columns, the text 'drag OR dbl-click' is written in red. At the bottom right of the 'Regions' section, the 'Update' button is circled in red and labeled with a red '4'. The 'Data' section on the right shows a table of users. The 'operator' row is circled in red and labeled with a red '2'. The table has columns for Username, Admin, Active, and a delete icon.

Username	Admin	Active	
admin (default)	true	true	✖
operator	false	true	✖

Img. 5: Assigning a region to a user

Selecting regions to spectate

Operator page → Region

The screenshot shows the 'ams' Alarm Monitoring System Operator page. The 'Region' dropdown menu is highlighted with a red box and labeled with a red '1'. The dropdown menu is open, showing 'All regions', 'Main', 'Region 1', and 'Region 2'. 'Region 1' is circled in red and labeled with a red '2'. The 'Alarm window size' is set to 'Small' and the 'Alarm sound' is checked. The bottom section contains links for 'Clear all alarms', 'MxCC Configuration', 'Admin page', and 'Logout'.

Img. 6: Region selection

Creating an object

Admin page → Objects tab

Notice:

Clear archive – Number of days the event images will be kept on the server.

AMS | Administration

Users Regions **Objects** Cameras Alarms User logs Operator page

Form

Label: 2 Bus-1

Clear archive: 3 7

Region: 4 Region 1

Active: ☒

Data

Search by label

Label

Create 5

Img. 7: Object creation

Adding a camera

Notice:

- SN(serial number) must be entered! IF THE VALUE WILL BE INCORRECT, AMS WILL NOT ACCEPT ALARMS FROM THIS CAMERA.
- Label should be with some kind of identifier (e.g.: license plate)

AMS | Administration

Users Regions Objects **Cameras** Alarms User logs Operator page

Form

Label: 2 LV1234-CAM-FRONT

Host: 3 10.1.1.16

Port: 4 80

Username: 5 admin

Password: 6 meinsm

SN: 7 10.8.0.118 **!!Important!**

Comment: Comment

Object: 8 Bus-1

Microphone enabled: ☒

Speaker enabled: ☒

Active: ☒

9 **Create**

Data

Search by serial

SN	Label	Host
----	-------	------

Img. 8: Adding a camera

Camera's local settings

Admin Menu → IP Notify Profiles → Add New Profiles

MOBOTIX Q25 mx-Q25M-D12-entrance IP Notify Profiles

IP Notify Profile 12 AMS Delete

IP Notify Type: Custom Configuration

Destination Address: 10.55.33.139:8001 Server Input Port
AMS Server
IP/Domain

Send to next on error

Data Protocol: Raw TCP/IP

--next-image--

Data Type: Video clip

MxPEG clip file

4 fps

2 s

1 s

Send Port: 0

Predefined Configuration:
"MxCC Alarm" sends predefined network messages to the MxCC alarm list. *Acknowledge Required* prompts the MxCC user to confirm the message. If the alarm is not acknowledged within the specified acknowledge time, the camera triggers a transmission error. Select *Custom Configuration* to see the extended configuration.

Destination Addresses:
Receiver IP address and port. Separate IP address and port using a colon. Enter one address per line.

Send Order:
Send notification to one or more destinations. *Sequential* and *parallel* will send a notification to each destination address. *Send to next on error* will stop after the first successful notification or will try the next address if unsuccessful.

Transfer Protocol:
Transfer notification data using these protocol headers.

Separator for Raw TCP/IP:
Enter the separator for splitting several notification parts in *Raw TCP/IP* mode. Enter a unique string.

Notification Data:
Select type of IP notification data.

Clip File Type:
Select file type of clip notification.

Clip Frame Rate:
Speed of clip in frames per second. Note: Fastest frame rate for *Single JPEG file(s)* is 12 fps.

Time Before:
Time to include before start time. Please note that activating **Playback has Priority** in [Setup Menu > General Image Settings](#) will limit the frame rate of clips recorded before the start time to 2 fps.

Time After:
Time to include after start time.

Port Number:
Send a message from this camera port (0 for automatic).

Buttons: Set, Factory, Restore, Close, Less

Img. 9: Creating an IP Notify profile

Setup Menu → Action Group Overview → Add new group

MOBOTIX Q25 mx-Q25M-D12-entrance Action Group Details

General Settings

Value

Explanation

Action Group

AMS

Name:
The name is purely informational.

Arming:
Controls this action group:
Enabled: activate the group.
Off: deactivate the group.
SI: group armed by signal input.
CS: group armed by custom signal as defined in [General Event Settings](#).

Time Table:
Time table for this action profile ([Time Tables](#)).

Event Selection

(select all)

(select none)

Image Analysis: AS

(Image Analysis: VM2)

Event Selection:
Select the events which will trigger the actions below.
Use [Ctrl]-Click to select more than one event.
Events in brackets need to be activated first.

Action Details

5

Action Deadtime:
Time to wait [0..3600 s] before a new action can take place.

Action Chaining:
Choose how the status of each subaction influences the execution of all others.
Simultaneously: All actions are executed simultaneously.
Simultaneously until first success: Simultaneous execution, but as soon as one action succeeds (i.e. has been completed or the phone is picked up), all others are terminated.
Consecutively: All actions are executed in the specified order.
Consecutively until first success: Consecutive execution, but as soon as one action succeeds, the following actions are not executed.
Consecutively until first failure: Consecutive execution, but as soon as one action fails, the following actions are not executed.

Simultaneously

Actions

Value

Explanation

Add new action

Actions

Value

Explanation

Action 1

IP Notify: AMS

Action Type and Profile:
Select the Action Profile to be executed.

Action Timeout or Duration:
If this action runs longer than the time specified [0..3600 s], it is aborted and returns an error; 0 to deactivate.
For *Image Profile* action, this is the duration and error returns.

Delete

0

Add new action

Set

Factory

Restore

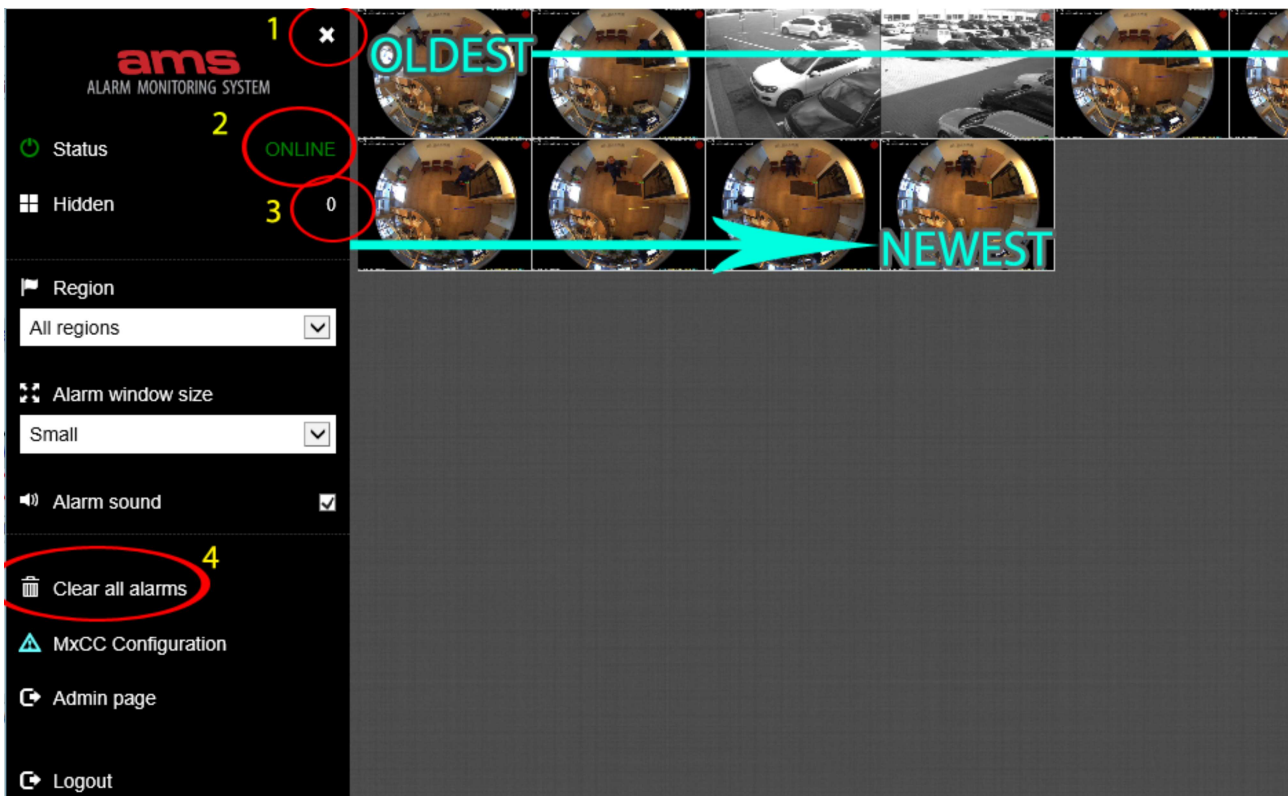
Close

Img. 10: Creating an action group

Operator page

Notice:

- 1 → Close the menu panel
- 2 → Current connection status with the AMS server
- 3 → The main window has a 100 image limit . This number shows how many events are hidden.
- 4 → Removes ALL alarms
- 5 → Opens the **player window**
- 6 → Approve alarm as real
- 7 → Decline alarm (it will remove it from the main window)



Img. 11: Operator window



Img. 12: Event image

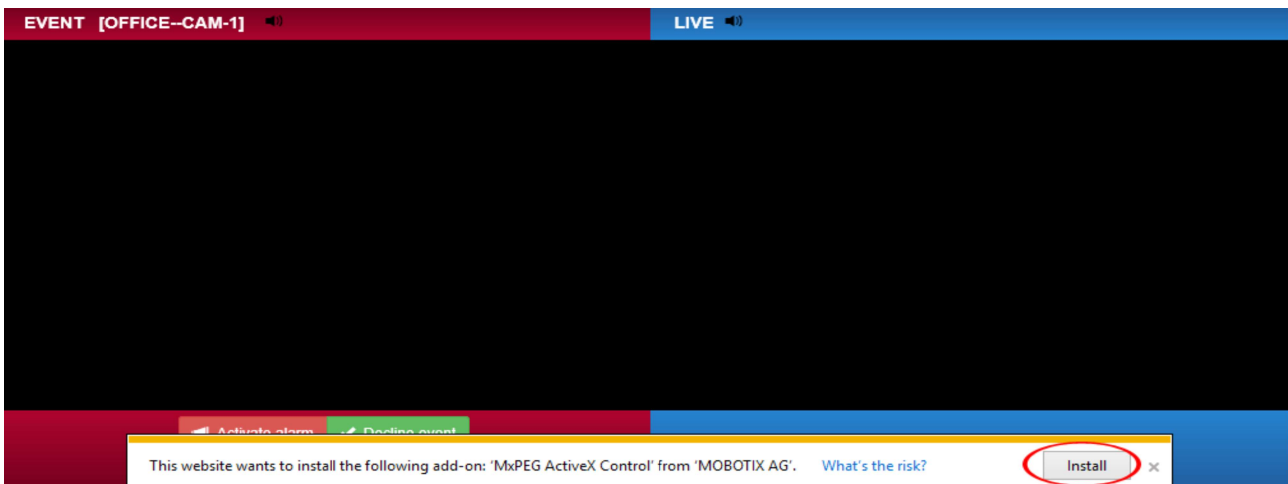
Player window

NOTICE:

The AMS operators should use **Internet Explorer 11** to be able to watch event recordings and live broadcast. **Reason:** Mobotix IE add-in is used.

Installing Mobotix Add-in

When opening the player for the first time:

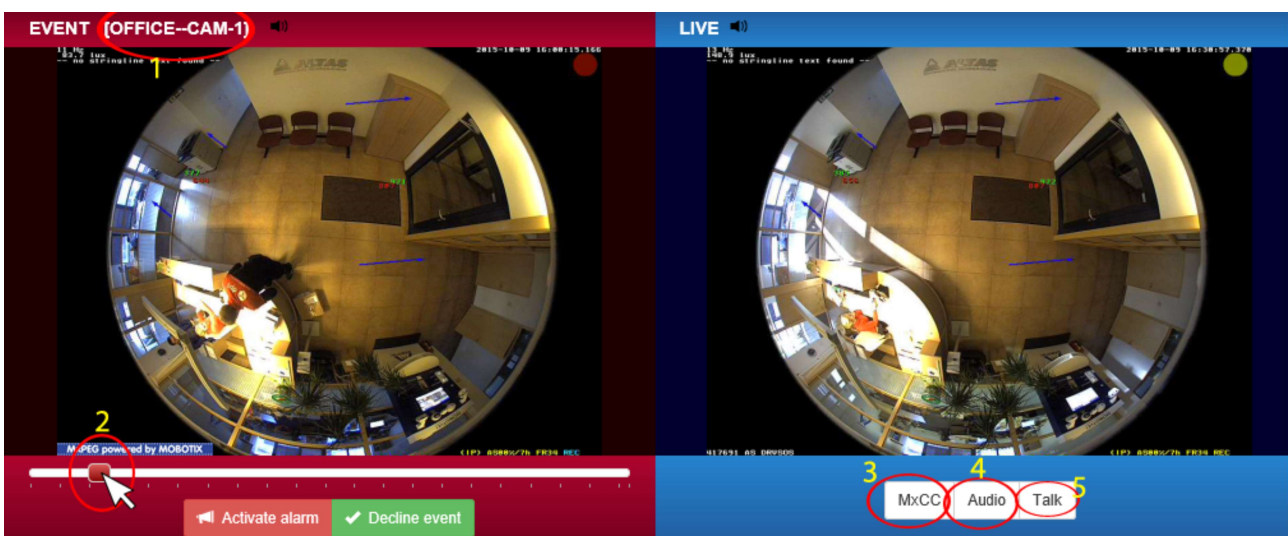


Img. 13: Installing mobotix add-in

Information

Notice:

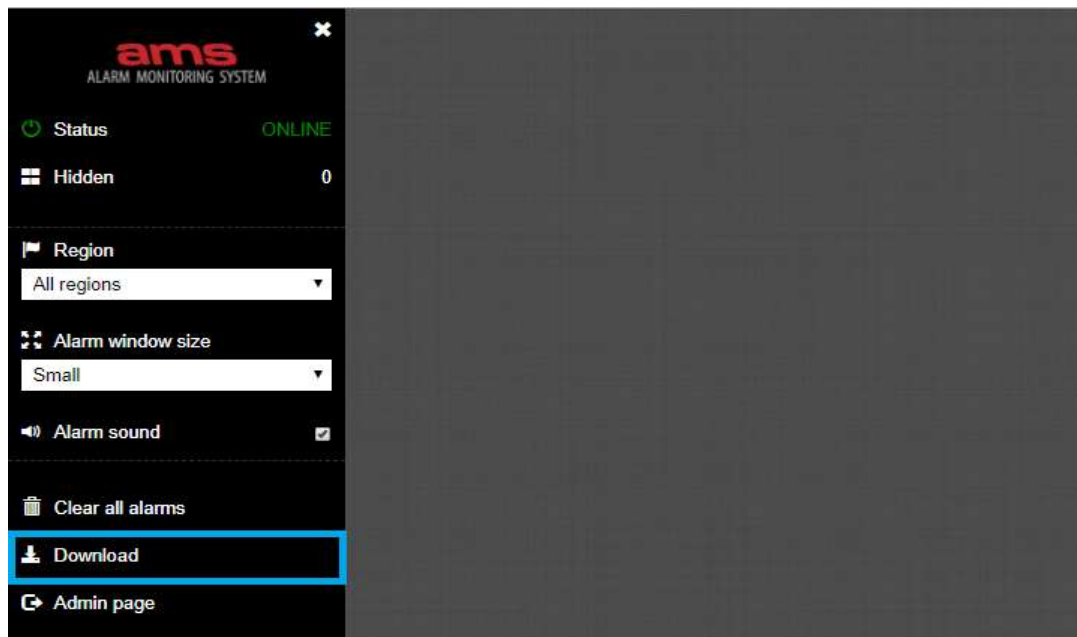
- 1 → Camera label
- 2 → Possibility to view event frame-by-frame
- 3 → Open the live image in MxControlCenter (IF the camera is attached to it)
- 4 → Enable LIVE audio from camera (IF the camera's local microphone is enabled)
- 5 → Speak through the camera's microphone (IF the camera's local speakers are enabled)



Img. 14: Player window

Event download

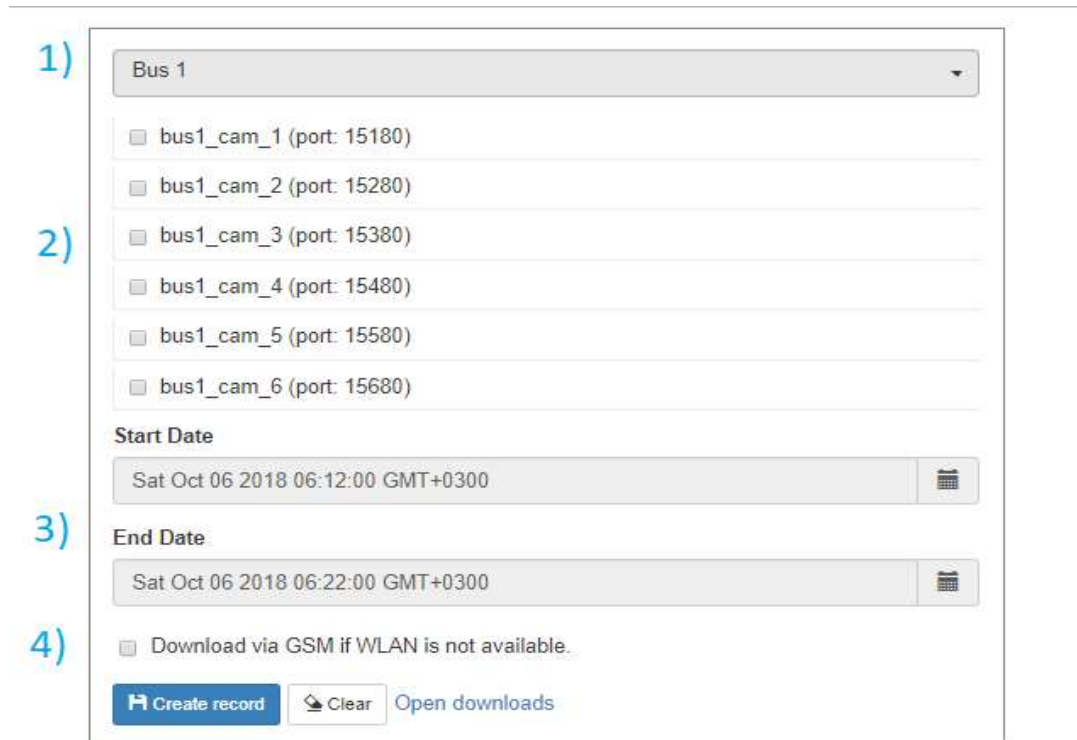
AMS with an **Event Download** feature will contain a "Download" menu item in the main operator window.



Img. 15: Downlad menu item

Request form

After clicking on the "Download" button, a pop-up window containing a request form will appear.



1) Bus 1

☐ bus1_cam_1 (port: 15180)

☐ bus1_cam_2 (port: 15280)

2) ☐ bus1_cam_3 (port: 15380)

☐ bus1_cam_4 (port: 15480)

☐ bus1_cam_5 (port: 15580)

☐ bus1_cam_6 (port: 15680)

Start Date

Sat Oct 06 2018 06:12:00 GMT+0300

3) End Date

Sat Oct 06 2018 06:22:00 GMT+0300

4) ☐ Download via GSM if WLAN is not available.

Create record Clear Open downloads

Img. 16: Request form


Notice:

- 1 → Object selector
- 2 → Camera selection
- 3 → Time interval selection
- 4 → Whether to download the selected events via GSM network

Tracking download states

Each camera has its own separate download process. The state of each process can be seen by clicking on the "(more details)" button..

Schedules 					
Object	From	To	Jobs	Added	
Bus 1 (more details)	2017-06-13 01:00	2017-06-13 01:10	2/3	2017-06-13 12:11:40	

Schedules 					
Object	From	To	Jobs	Added	
Bus 1 (less details)	2017-06-13 01:00	2017-06-13 01:10	2/3	2017-06-13 12:11:40	
<div>0000-00-00 00:00:00 Work in progress (bus1_cam_3)</div> <div>2017-06-14 12:43:27 Successfully finished (bus1_cam_5)</div> <div>2017-06-14 12:43:27 Successfully finished (bus1_cam_8)</div>					

Img. 17: Download states

Notice:

Possible states:

- 1 → Work in progress
- 2 → Successfully finished
- 3 → No events found
- 4 → Maximum retries exceeded
- 5 → Unauthorized access to camera