Cloud Video Management System

Admin Portal Guide

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Statistics (UTC Time Zone)

Average archive storage used Total archive storage used at 6/11/2019

Average clips storage used

Total clips storage used at 6/11/2019 Total clips time at 6/11/2019

Interface language Billing and profile At a date options 06/01/2019 06/11/2019 Show

1.04 TB

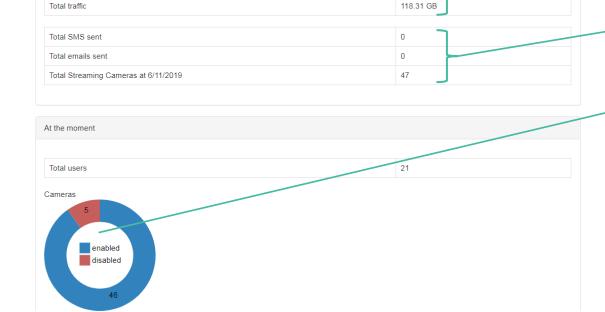
3.43 GB

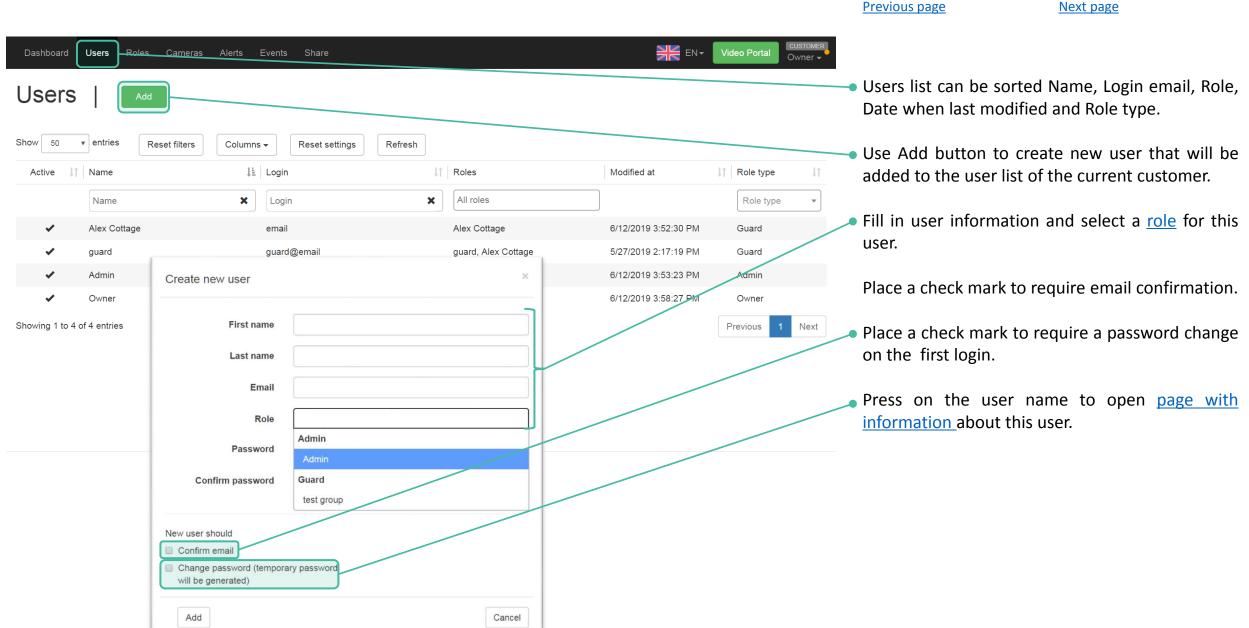
5 h 23 m

1 TB 3.42 GB

Dashboard shows statistical screen you information about your account.

- Select date range to view statistics for this period.
- Review storage utilization for the selected dates.
- Review communication statistics for the selected dates.
- Number and status of cameras associated with your account.



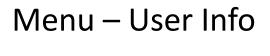


Menu – Users

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Last login time: 2/20/2019 11:13:34 PM

Password

Reset password and send email to user

You can set this User as Owner of ABC Super

Password

Confirm password

User status: Enabled

Disable user

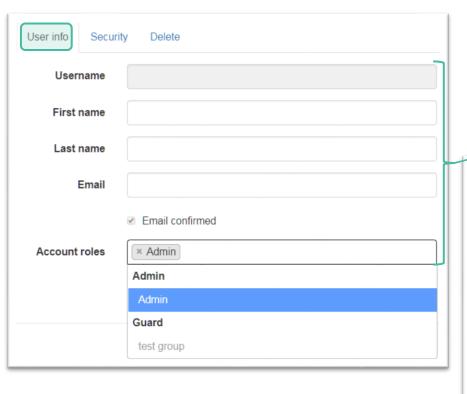
Set as owner

Set password

Reset password

Confirm password

Set password

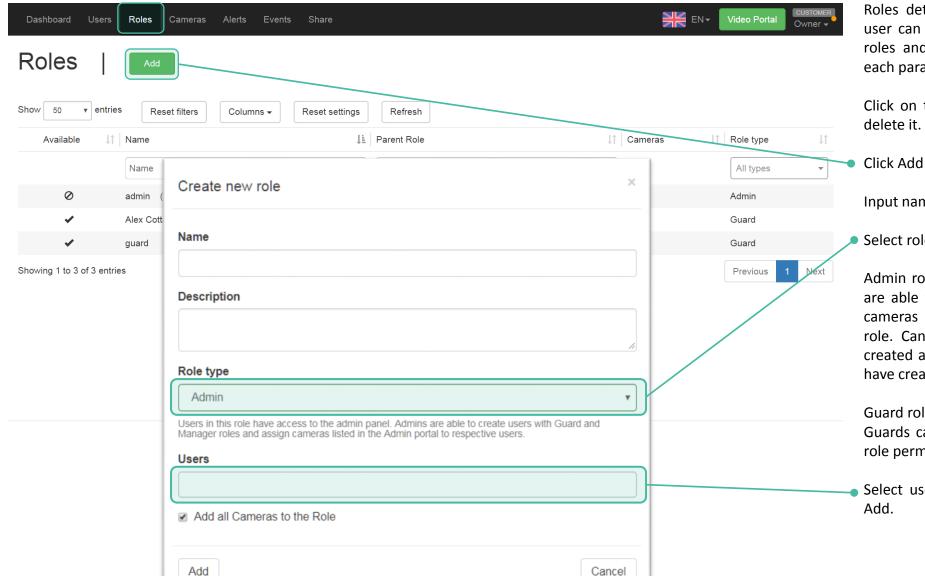


•	New	inforr roles tier ro	can b	e ass	signe	ed	from	the	list.	
•	Secur	rity set	tings	can b	e cha	ang	ged or	ո Sec	urity	tab.

- Use set password fields to create a new password for user. User would NOT be notified about this change.
- *Use Reset password to change password for user and send email notification with new password to the user.
- Use disable button to temporary disable user access to the system.
- Use Set as owner to convert this user to owner role.

Use delete tab to permanently delete user from the system.

Menu – Roles



Roles determine cameras and camera functions that a user can access. One camera can be added to multiple roles and different camera permissions can be set for each parameter under each role.

Click on the role to open its description and modify or

Click Add button to create a new role.

Input name and description for new role.

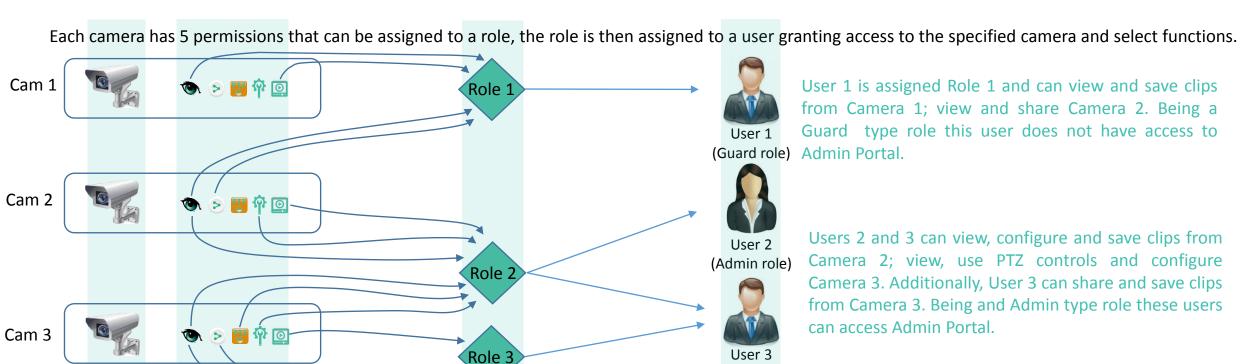
Select role type:

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Admin role type: Users have access to admin portal and are able to create other admins and guards, can assign cameras and camera permissions that are within their role. Can only modify users and roles that they have created as well as any user/role created by Admins they have created.

Guard role type: User do not have access to admin portal. Guards can use all of the features within their assigned role permission through the end user interface.

Select users that will be assigned to this role and click



Role 4

Cam 4

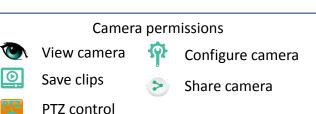
(Admin role)

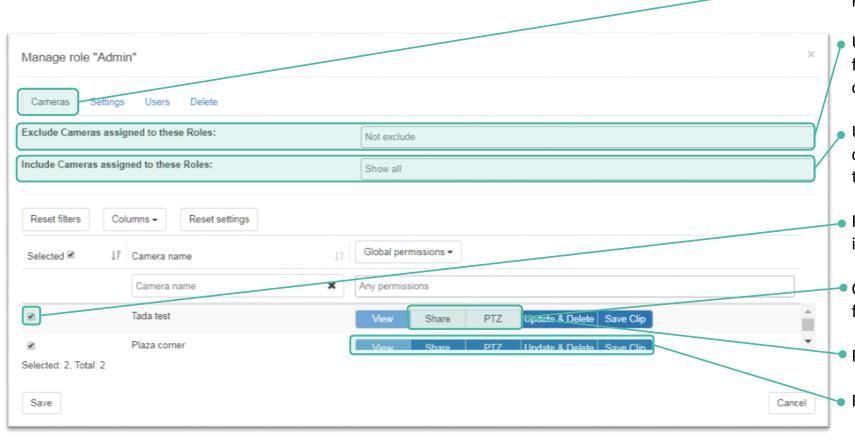
User 4

(Guard role)

Users 2 and 3 can view, configure and save clips from Camera 2; view, use PTZ controls and configure Camera 3. Additionally, User 3 can share and save clips from Camera 3. Being and Admin type role these users

Users 4 can only view Cameras 3 and 4. Being a Guard type role this user does not have access to Admin Portal.

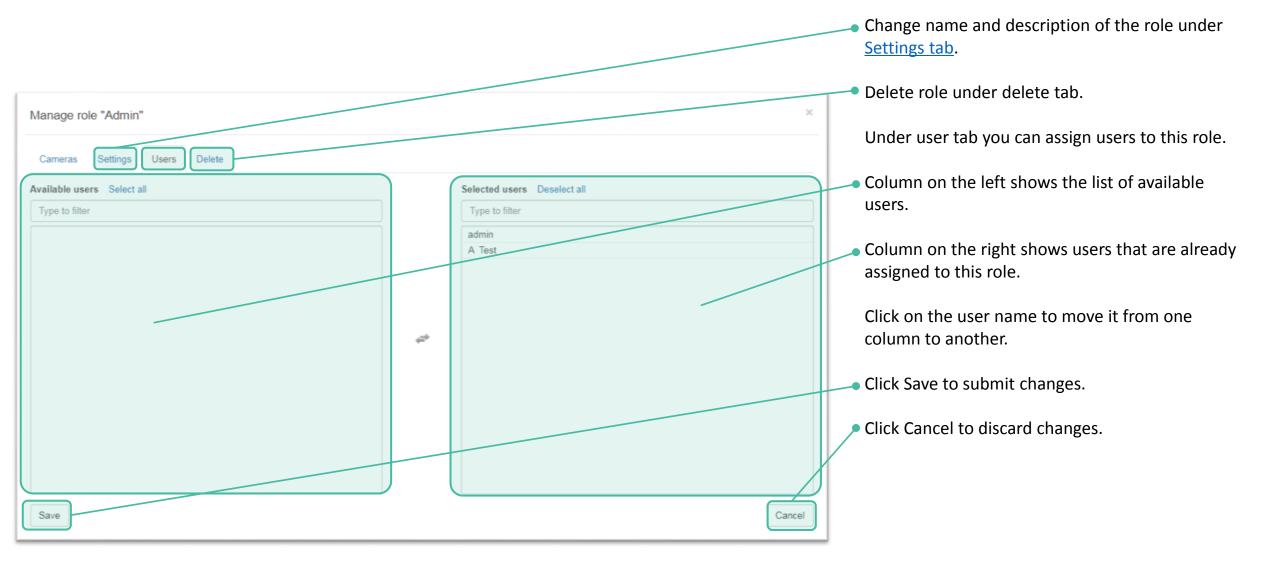




Menu – Role Editing

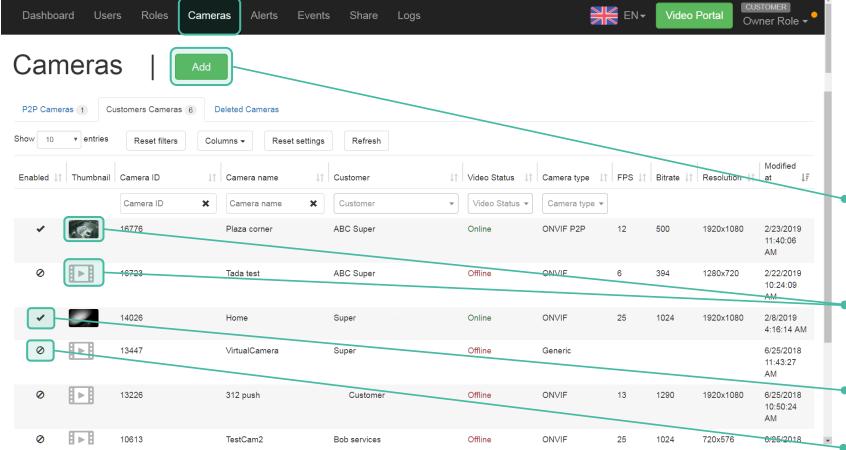
- Under camera tab you can view and modify permission of the role.
- Use Exclude Cameras line to remove permission for cameras that are assigned to other roles. Click on the line to see available roles.
- Use Include Cameras line to quickly add all camera permission from selected roles. Click on the line to see available roles.
- Place a check mark in front of the camera to add it to the role.
- Click on permission name to add or remove it from the role permissions.
- Permissions in grey are not allowed for this role.
- Permission in blue are allowed for this role.

Click Save to submit changes, click Cancel to discard changes.



Menu – Role Editing





There are 3 groups of cameras: Peer to peer (P2P), Customer and Deleted cameras. Use menu tabs to switch between them.

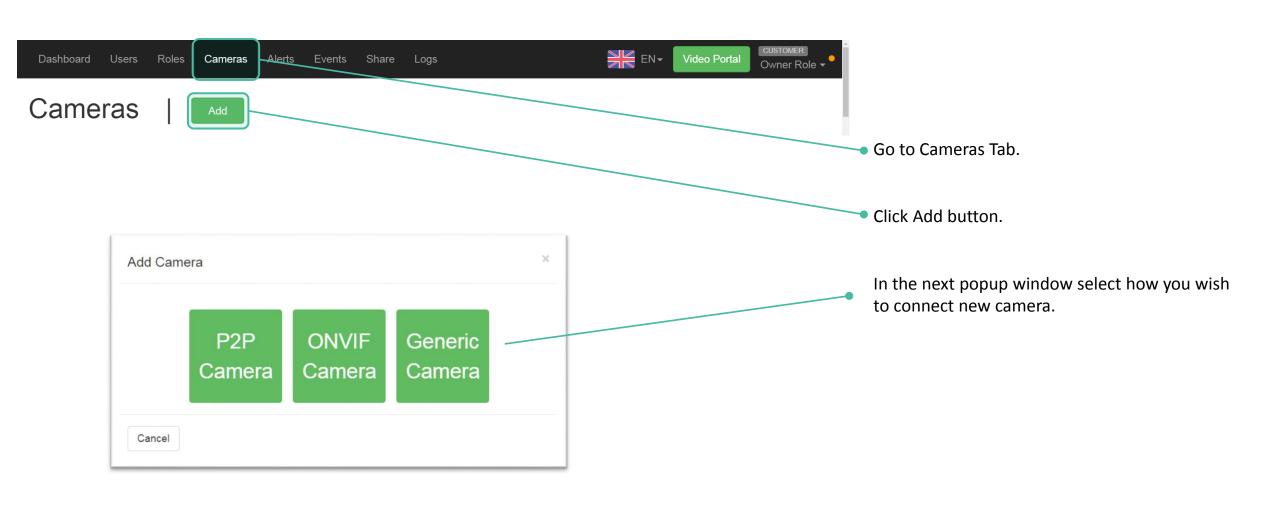
Camera list can be searched by P2P status, Camera ID, Video Status, Registration code, User, Billing Plan and date when it was modified.

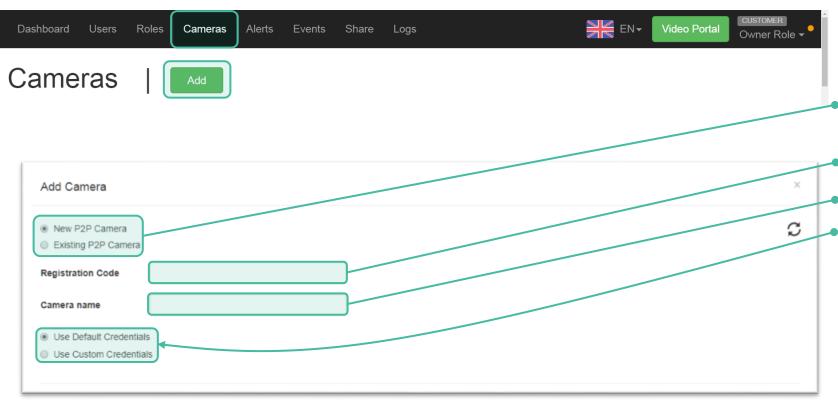
To add a new camera use Add button.

To view <u>camera properties</u> click on the camera name in the list.

- Thumbnail shows a recent snapshot from the camera. For offline or disabled cameras a generic symbol is displayed.
- Checkmark indicates that camera is enabled and will be recorded according to billing plan.
- Crossed circle indicates that camera is disabled and footage from the camera is not stored.

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Menu – Cameras: Add P2P camera

The easiest and the most secure method to add a camera is using P2P (peer to peer) connection. In this case data directly flows to the cloud server over https and does not require setup of a public IP address for the camera.

You can either modify an existing P2P camera or create a new one.

Input Registration code obtained from the camera.

Type in desired camera name.

If camera's login credential have been changed from the factory defaults select Use Custom Credentials and input new credentials.

Click create.

Cloud will automatically find the camera and create a path to it. For ONVIF compliant cameras you will gain access to camera settings directly from admin portal.

Note: using this method is preferred. Even in the event when internet provider changes the IP address or the camera is moved to a new location, access to the camera and video stream will be preserved and no adjustments to camera settings in admin portal will be needed.

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EN▼ Video Portal Cameras Alerts Users Roles Events Share Dashboard Logs Owner Role -Cameras Add Camera If you provide an onvif access for a camera, we can read all settings and setup the camera automatically HTTP access url http://address:port/path port RTSP port Username Password Confirm Password Camera name Description Quality preset Back Create

Menu – Cameras: Add ONVIF camera

This is a more involved and less secured method. It requires manual port setup on the client's side. HTTP and RTS ports should be opened on the router and http access url has to be created.

Using this method will preserve access to ONVIF compliant features of the camera allowing you to modify camera settings directly from admin portal. Access to camera analytics is preserved.

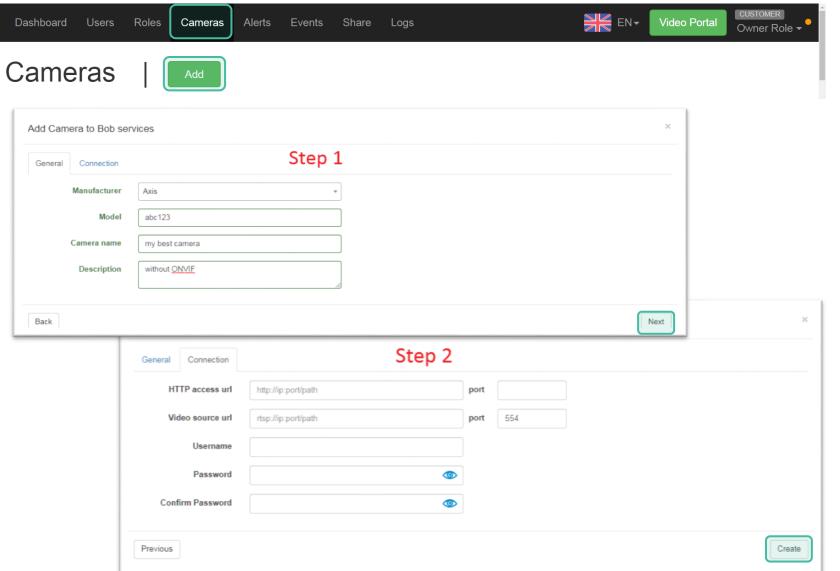
Input camera info in the appropriate lines.

Click Create button to add camera.

Camera will be added to your list of cameras and you will be able to modify any camera settings that are supported through the ONVIF protocol.

Note: In the event when client's internet provider changes client's IP address camera access can be interrupted and manual adjustments to the access path will be required. Services like DynDNS can be used to avoid connection interruptions when IP address is changed.

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Menu – Cameras: Add Generic Camera

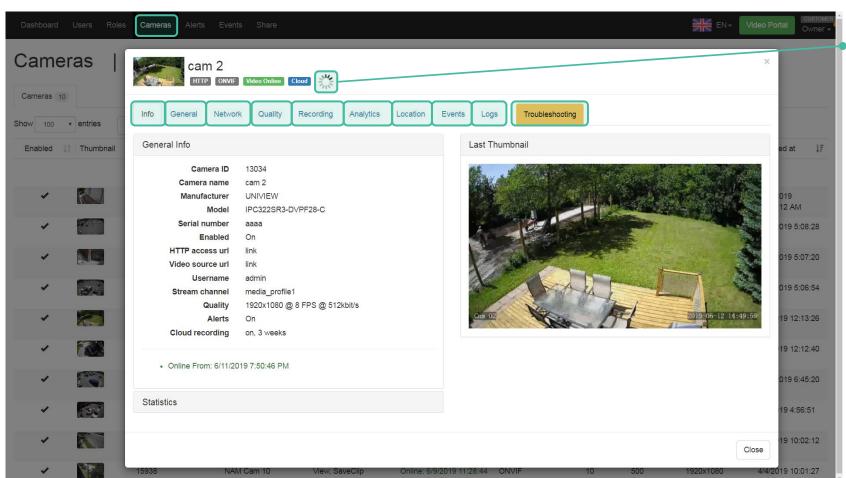
This method is used for any camera that can not be added using P2P or ONVIF methods. This method requires HTTP and RTSP port rules to be created on the customer's router.

First input general camera information and click next.

In second step input access urls and camera credentials, click create to add camera to the list.

Using this method is only recommended for older cameras that does not support ONVIF. This methods does not allow you to change or view camera settings from the admin portal.

Note: In the event when client's internet provider changes client's IP address camera access can be interrupted and manual adjustments to the access path will be required. Services like DynDNS can be used to avoid connection interruptions when IP address is changed.



Menu – Cameras: Settings Overview

- Click on a camera name from the list of cameras to open camera info panel. Allow the page to complete loading ONFIV. This symbol(%) will disappear once loading is complete.
- Under Info tab main information about the camera is displayed.
- General tab shows camera name, manufacturer, model and lets you turn on and off microphone for audio enabled cameras.
- Network tab has information about access urls and lets you test connection to the camera.
- Quality tab lets you change quality settings for ONVIF compliant cameras.
- Recording tab lets you choose archive settings.
- Analytics tab lets you configure smart features.
 of the camera and activate cloud analytics.
- Location tab lets you view and edit camera location on the map.
- Events tab shows history of recognized events.
- Logs tab stores information about cameras status changes.
- Troubleshooting tab (will appear only if something is wrong with the camera) helps you determine what is wrong.

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For ONVIF cameras you can change quality settings directly from admin portal. Depending on the billing plan different options will be configurable.

- For cameras that support multiple Stream channels select appropriate channel.
- Select Resolution from the list of available options for current billing plan (can be just one option).
- FPS determines how many frames will be stored each second. Less frames means less used storage. but also means less details for fast moving objects.
- Image quality slider determines what is targeted. If the slider is moved towards the quality side cloud will prioritize quality to traffic, increasing bandwidth and storage requirement to achieve greater image quality.
- Select VBR to force selected bitrate as average Select automatic to let cloud control quality based on Image quality slider settings.
- Bitrate sets target average bitrate for camera. Depending on the scene complexity, efficiency of camera's codecs and Image quality settings cloud will attempt to adjust image quality accordingly.



Menu – Cameras: Quality Settings

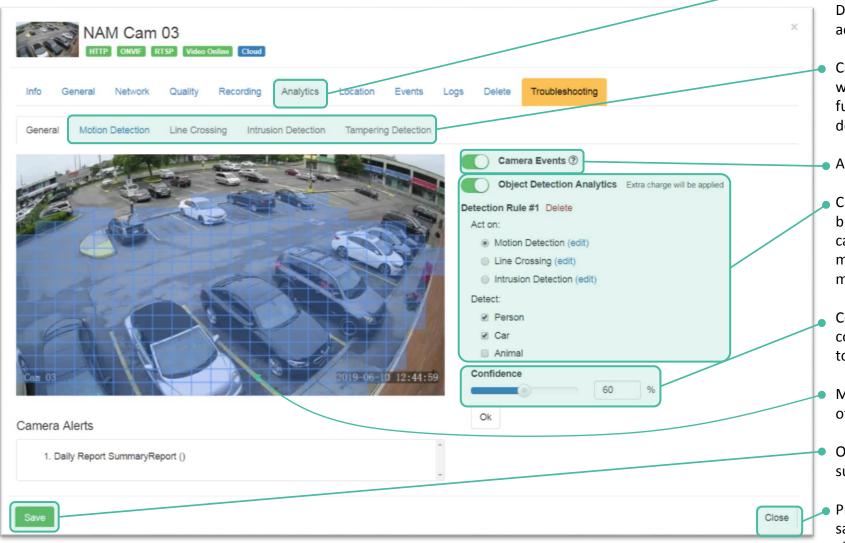
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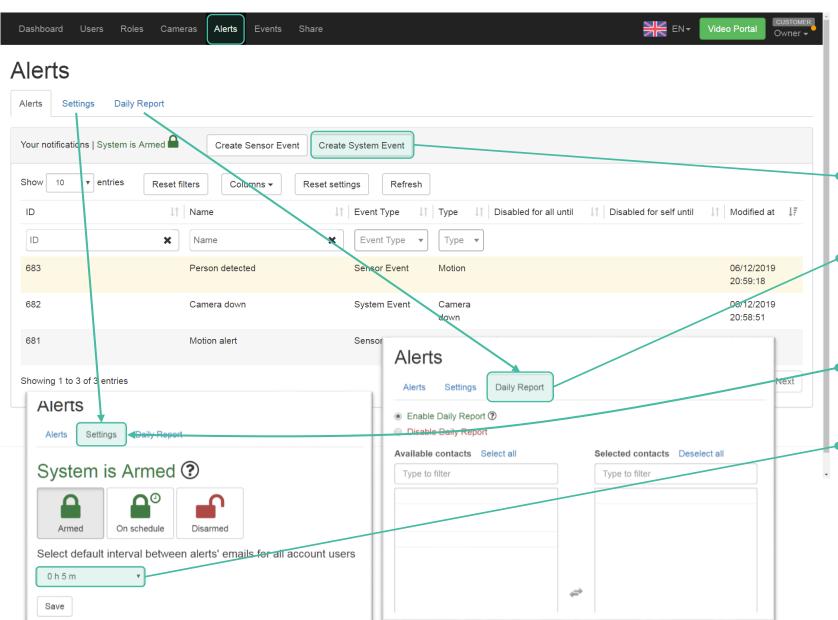
Under camera settings go to Analytics tab.

Depending on the camera capabilities you will have access do different options.

- Camera side events (if available, depends on the camera) will be shown in this section. Click on any desired function to configure it. Possibilities are limited and are dependent on the camera.
- All motion-based events can be turned off or on.
- Cloud side analytics configuration panel (depends on the billing plan). Chose options that you desire, unlike on camera side there are no limits to the number of analytics modules that can run simultaneously, detection is much more accurate and is object based.
- Confidence determines the limit of recognition confidence above which objects will be marked according to set rules.
- Motion detection is on for region under blue mask and off for the rest of the image.
- Once done setting up modules press Save button to submit changes.
- Pressing close will close camera settings window without saving the changes, you will be prompted to confirm closing without saving.



Menu – Cameras: Analytics

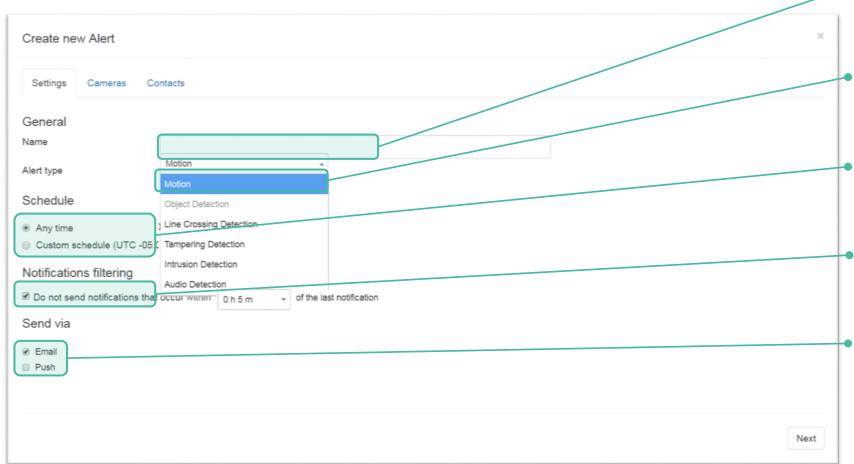


Menu – System Alerts

Alert list shows all alerts.

System alerts warn selected persons about the status of your cameras.

- Create a system event to receive a notification about problems with your cameras at a desired intervals to allow you to act and fix issues in a timely manner.
- Under Daily Report tab a daily system health report can be requested. This report will include status of all customer cameras. This report is generated at midnight. Click on user name to add this user to the list of users who receive report.
- Under settings tab all alerts can be turned on (Armed), turned on a specific schedule (On schedule), or turned off.
- Set interval between alerts to limit number of emails received in a given time interval. All alerts with notification filtering on will be accumulated for the specified time and than just one email with the list of all events will be generated. If Notification Filtering for an alert is off then this interval will be ignored and notification for selected alert will be sent immediately.



Menu – Alerts:

Create New Sensor Alert

- Specify the name for this alert. Use something descriptive as this will be included in the alert notification heading.
- Select alert type. For alert to work correctly specified type of alert should be configured and turned on in camera settings.
- Choose Any time to keep alert active always or select specific dates and times when alert will be active.
- Notification filtering limits the number of emails/push messages generated in a selected time interval (all events that have happened during this time interval will be included in this message).

Choose how you wish to receive notifications.

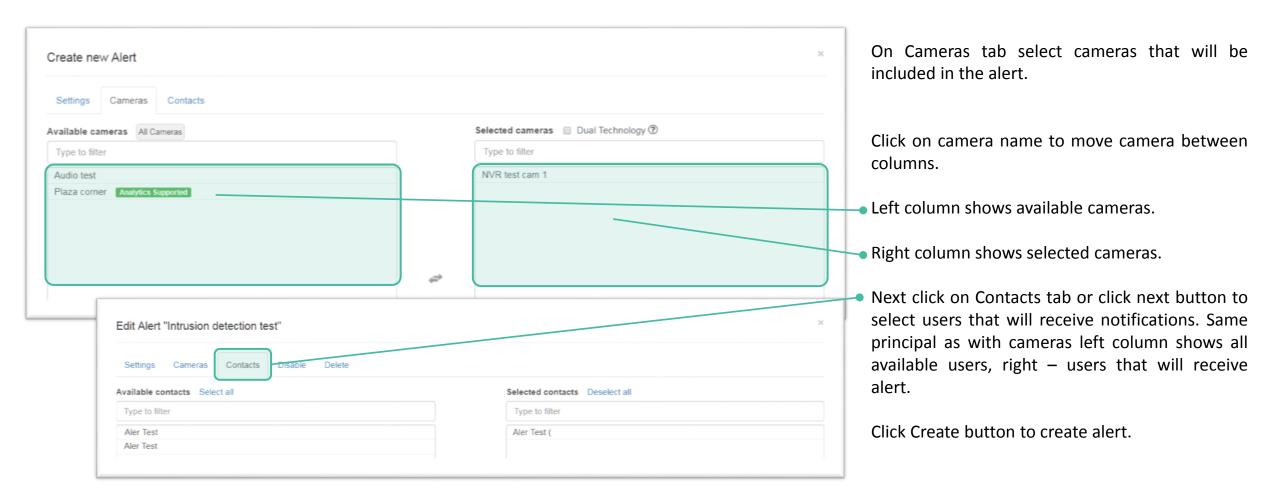
Click next or click on Cameras tab to choose what cameras will be included in this alert.

Note: If Notification filtering is turned on and under System Alerts Default Interval is selected than notifications will be aggregated based on the longest time interval setting.

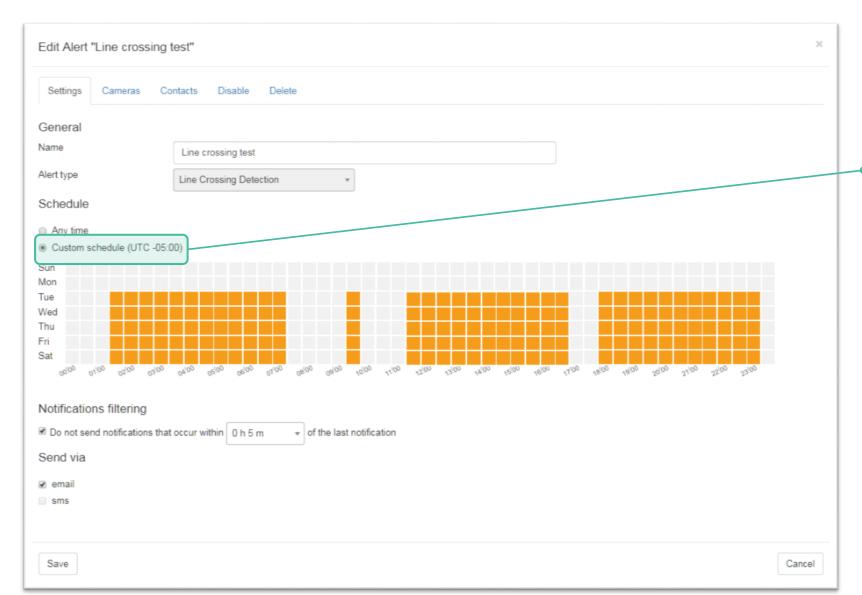
Menu – Alerts: Create New Sensor Alert

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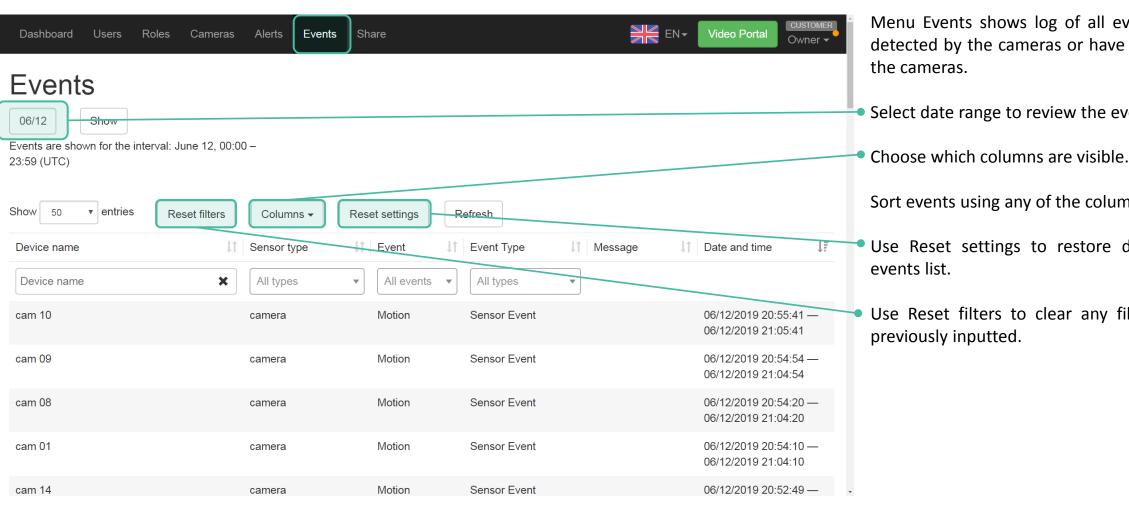


Menu – Alerts: Schedule



Select Custom Time option to reveal calendar. Select time intervals when the alarm will be active. Yellow squares alert active, white squares alert off.

Click save to submit changes.



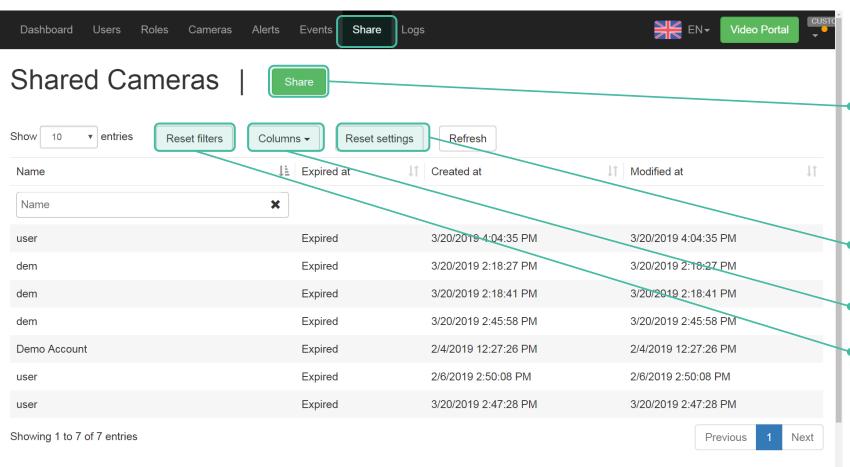
Menu – Events

Menu Events shows log of all events that were detected by the cameras or have happened with

Select date range to review the events.

Sort events using any of the columns.

- Use Reset settings to restore default view of
- Use Reset filters to clear any filters that were



Menu Share shows log of all instances when a camera was shared with a third party.

 Use Share button to share your camera with anyone using web link. You can specify which cameras and for how long will be shared.

Sort events using any of the columns.

- Use Reset settings to restore default view of this list.
- Choose which columns are visible.
- Use Reset filters to clear any filters that were previously inputted.