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Camect Configuration Guide

Updated 11 August 2026

Introduction

This guide outlines the steps required to configure Camect devices for seamless integration with the GCXONE platform, ensuring optimal performance, security, and monitoring capabilities for your surveillance system.

Prerequisites

1. Whitelist the IP (CamectReceiver). If you don't use NXGEN OpenVPn services.
2. Local Mode is installed in operator workstations.
3. Configure the private IP address given by NXGEN in case of using NXGEN OpenVPN services.
4. Make sure the RTSP port 554 and the Http port (Control port) 443 are open.

Camect Configuration

Step 1: Login into your Camect device using the credentials needed.

Step 2: Navigate to the "Hub settings" and ensure the time zone is configured correctly.

Hub Settings

Basic

Cameras

Users

Alerts

Storage

I/O

Hub name ⓘ

CH0005 - Neubau Serngarage

Report bug

Hub time zone

Europe/Zurich

Current time: 09:55:01 am

Configure audio talk down devices.

Show advanced settings...

Save

Camect

Step 3: On "Hub Settings" Navigate to "Cameras" and make sure the RTSP is enabled.

Hub Settings

Basic

Cameras

Users

Alerts

Storage

I/O

Keep footage

as long as space permits

at most 0 days

Alert me if there are fewer than 0 days of footage.

Fetch audio from camera.

Enable RTSP server.

YUJYST4o5ZZn

New token

Port

554

Use RTSPS, i.e. RTSP over TLS.

Show RTSP URLs.

Save

Camect

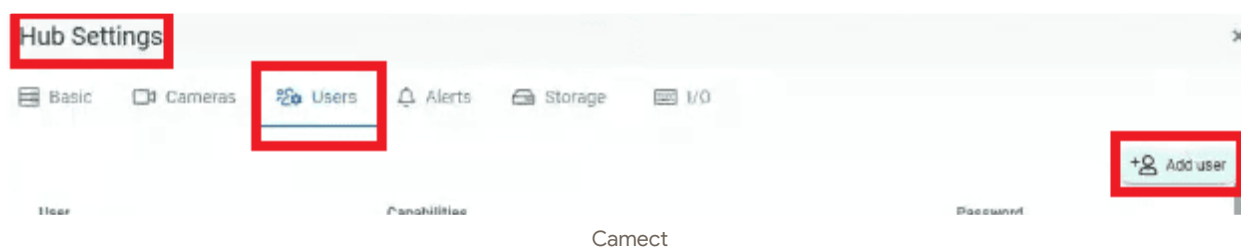
Important

Leave "Use RTSPS, i.e. RTSP over TLS" unchecked — NXGEN does not support RTSPS yet, and enabling it can cause live view and streaming issues.

Step 4: Set-up a user for NXGEN (Local User credentials) with the permissions mentioned below:

- Live view.

- Query Cameras.
- Pan/Tilt Cameras.
- View alerts.
- View footage.
- Share cameras.
- Change operating modes.



Step 5: On "Camera Settings" navigate to "Basic" and make sure to enable "Pan/Tilt" or "Zoom" if the camera supports this functionality.

Camera Settings

Basic

Alert ratings

Camera name:

Username and password are configured correctly.

show details

Use hub settings for video and audio

Keep footage (11 days now)

as long as space permits

at most 0 days

Alert me if there are fewer than 0 days of footage.

Audio settings are not available for this camera.

Wi-Fi settings are not available for this camera.

This camera was added manually.

Enable Pan/Tilt

Enable Zoom

Rotate or flip the video: None

Configure audio talk down devices for this camera.

show details

Disable camera

Save

Camect

Don't forget to save the changes.

Step 6: If the camera supports "Alerts Rating" configuration, please follow these steps to set it up:

- Click on "Add Ratings".
- Choose "Thumbs down" if you dont want certain objects to trigger an alarm. For Example: bicycle, car, person etc.
- Choose "Thumbs up"if you want to trigger some certain options, such as: Amazon person, DHL person etc.
- Click on "Edit Area" to Specify your area of interest.

<https://docs.nxgen.cloud/gcxone/devices/camect>

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Camera Settings

Basic

Alert ratings

☒ Disable suggested ratings

NOTE: Ratings apply in the order displayed, from top to bottom.

New rating

	Involve objects:	Occur at time:	Occur in area:	Cross a line:
	bicycle, bus, car, motorcycle, person, pickup or truck	Add Time	Edit area	
	Amazon person, DHL person, DPD person, FedEx person, bicycle, bus, car, motorcycle, person, pickup or truck	Add Time	Edit area	

Save

Camect

Set name for the area.

0/25

Only when the object is

☒ Highlight the area on alert clips.

☐ Only when a person steps on the area. (Experimental)

☐ Only when tires of the vehicle are in the area. (Experimental)

Invert

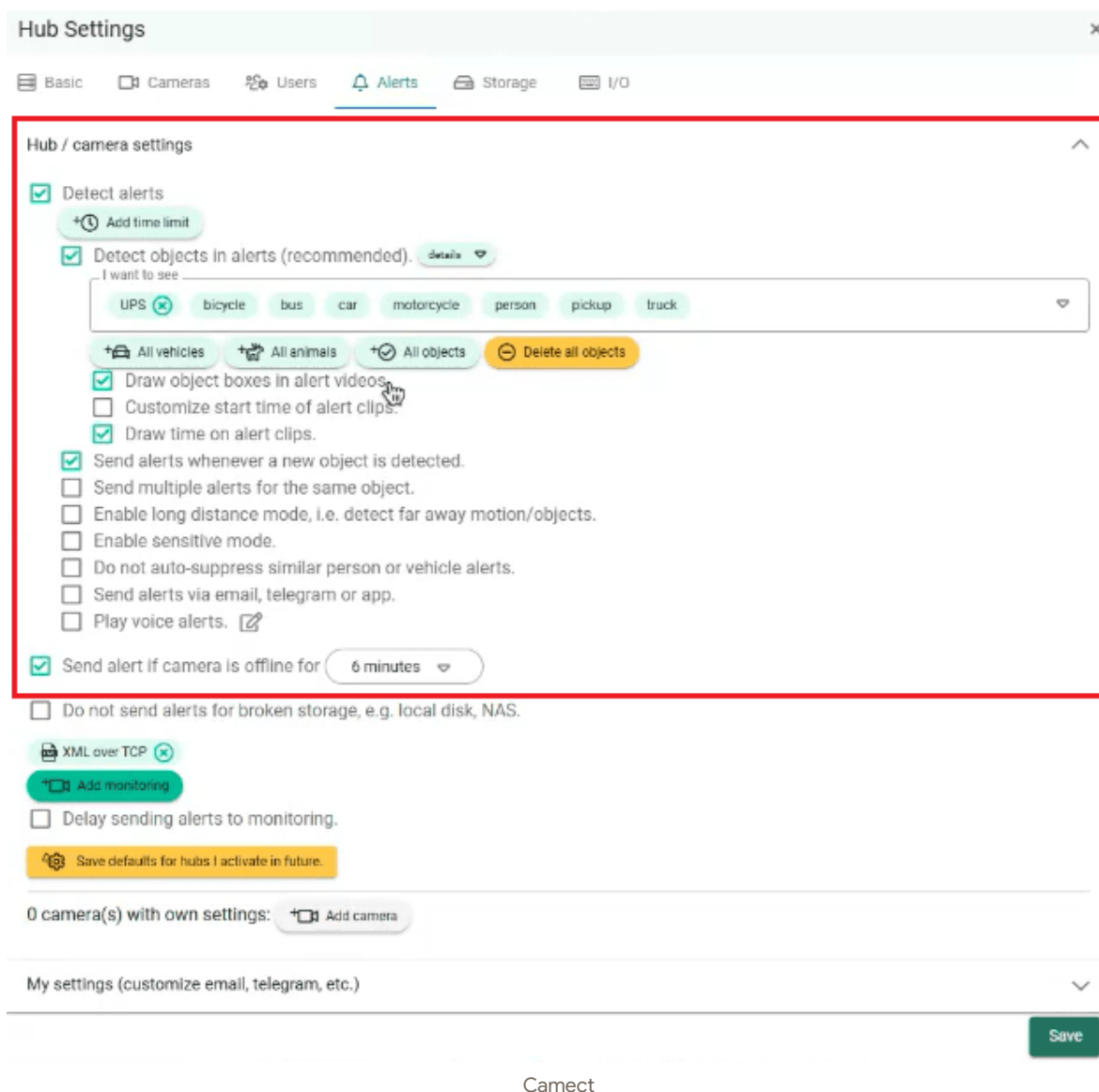
OK

Camect

Don't forget to save the changes.

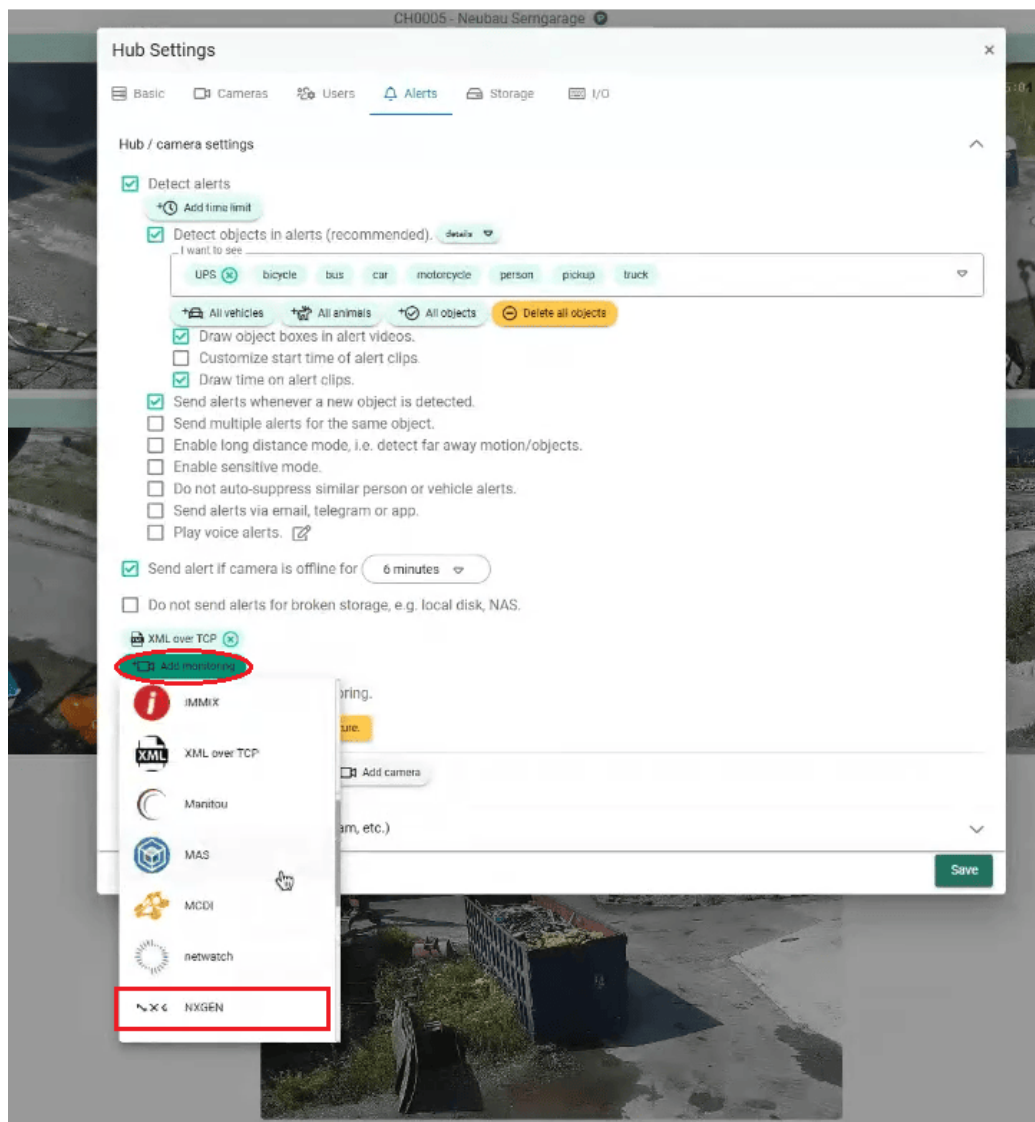
Step 7: Click on "Hub Settings," then navigate to "Alert" to configure alarms at the device level.

- Make sure the "Detect alerts" box is enabled.
- Configure the objects that you want to get it detected under the "Detect objects in alerts".
- Select the alerts needed on your side. Please refer to Camect document



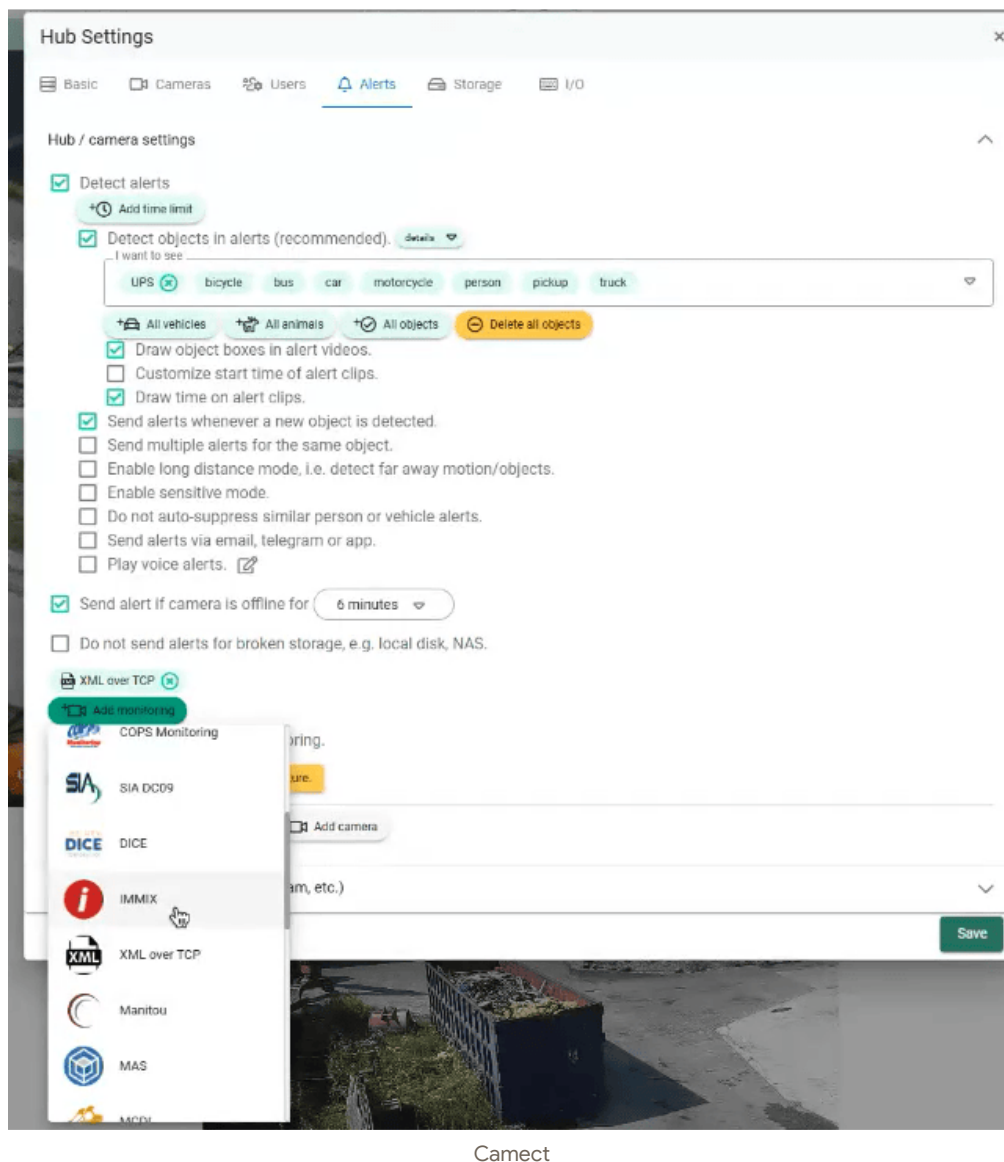
Step 8: In the same window, click on "Add Monitoring" to add a monitoring site.

- Choose "NXGEN" as a monitoring site.



Camect

- In Case if NXGEN is not there, choose "IMMIX".



- If you couldn't find both, choose "XML over TCP".

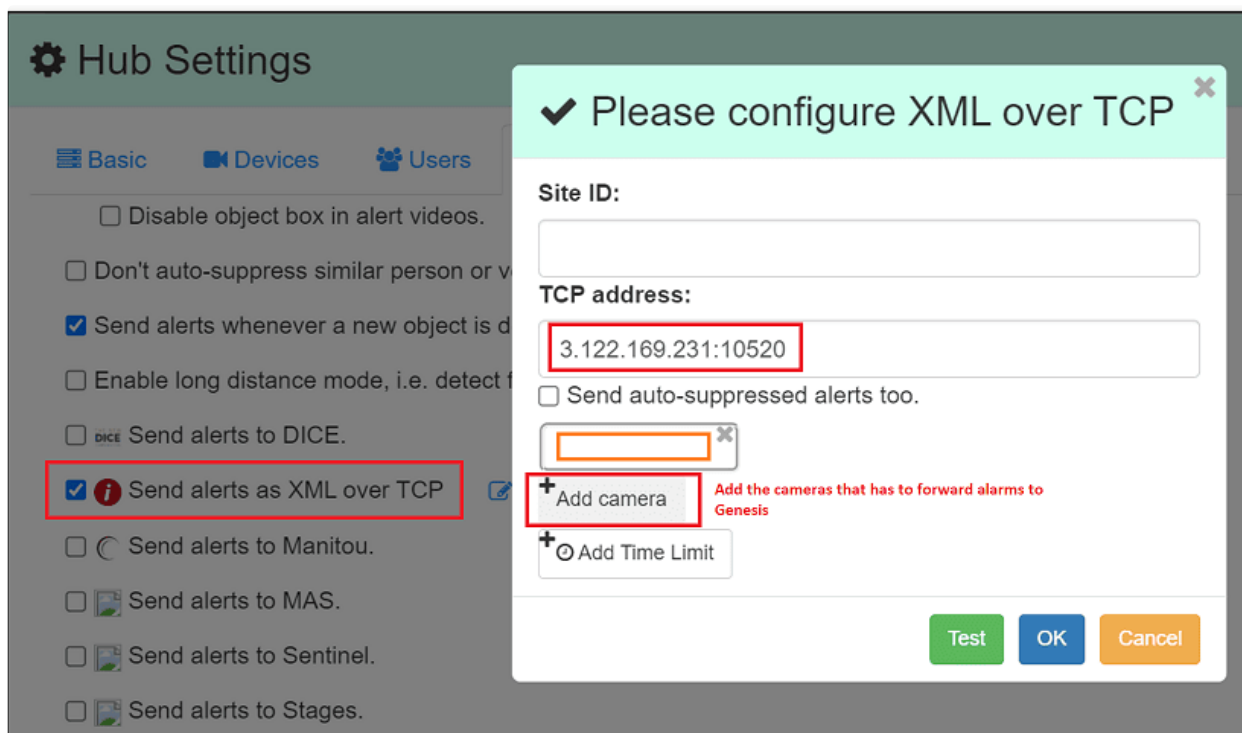
Step 9: When you select NXGEN as a monitoring site, you will be directed to the configuration page. On this page, follow these steps:

- Set the site ID to "1", as a dummy value.
- On TCP address, add Genesis TCP address.

TCP address

TCP address in case of using OpenVPN

- Then click on "Add camera" that has to forward alarms to Genesis.



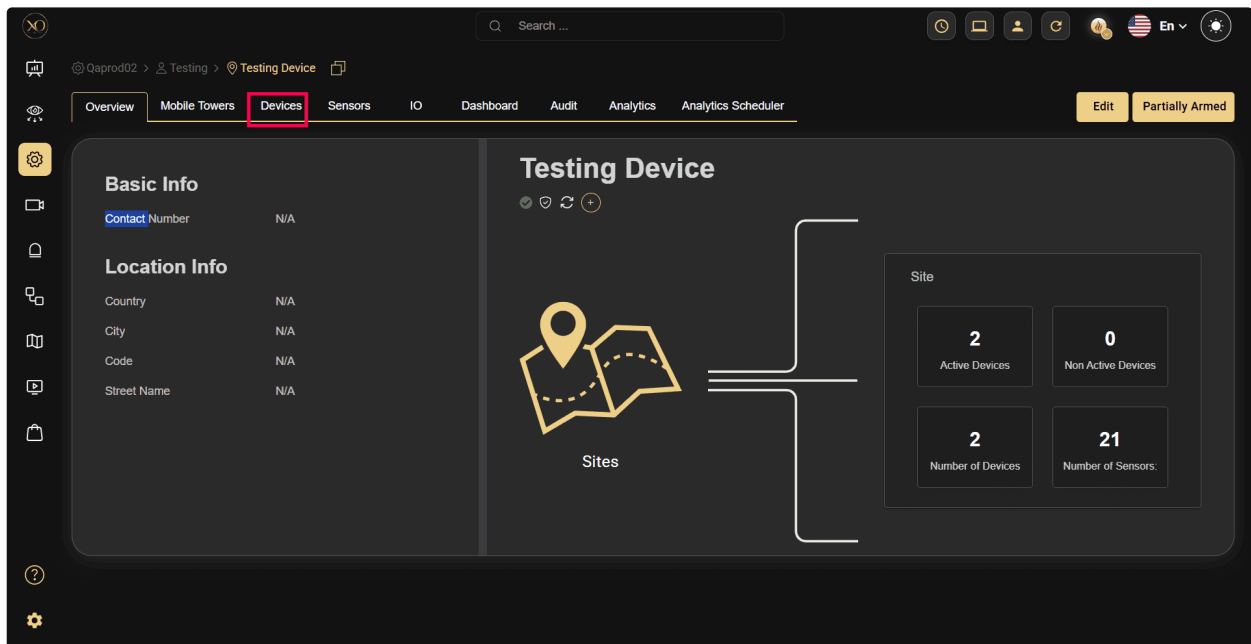
Camect

These steps and explanations will help you configure the appropriate analytics on your Camect Device to enhance your security system's effectiveness and responsiveness.

Camect Config Guide with GXONE

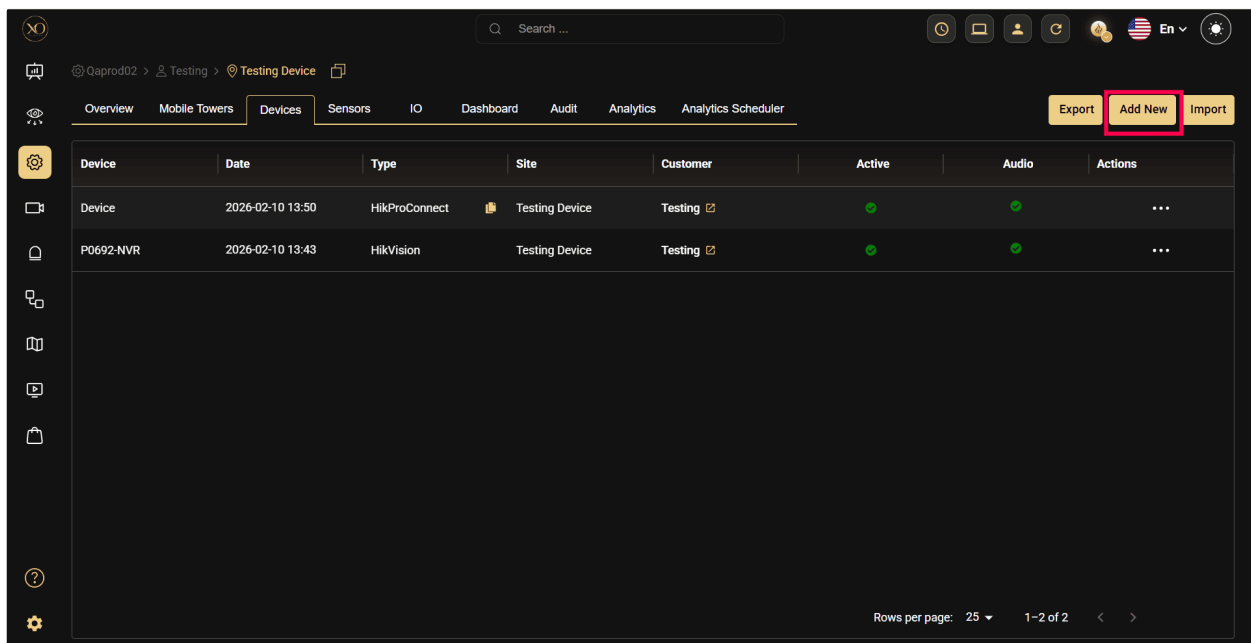
This document describes the steps required to configure an Camect device in GXONE.

Step 1: Navigate to the Devices tab.



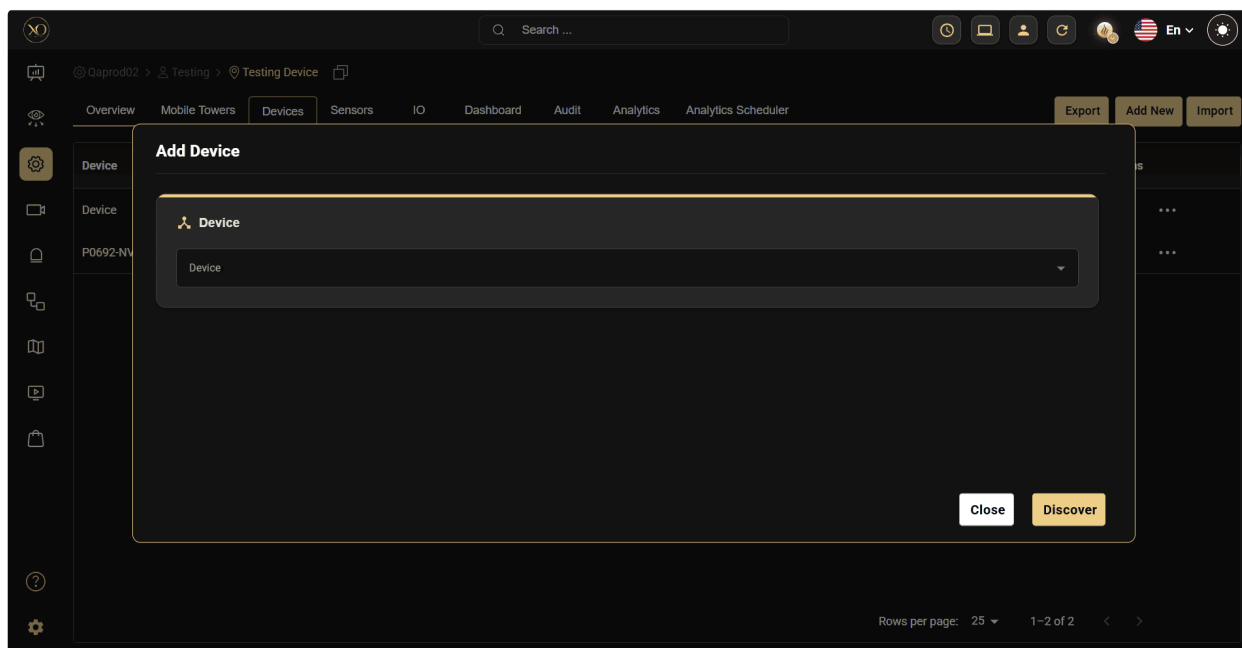
Camect

Step 2: Click the Add button.



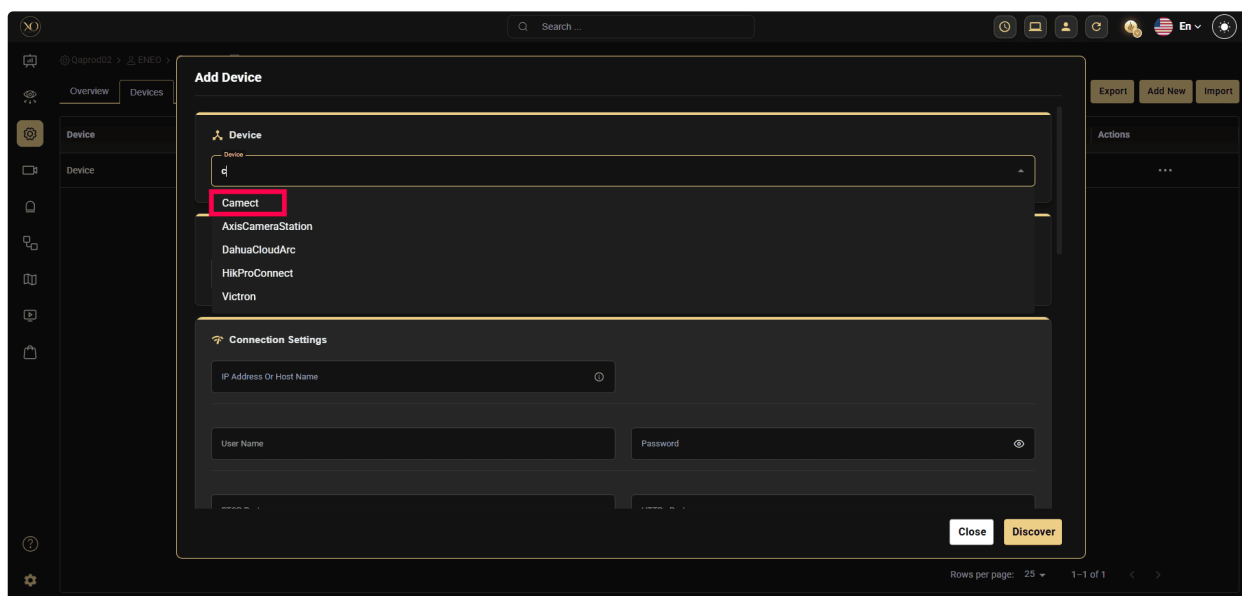
Camect

Step 3: The Add Device dialog will be displayed.



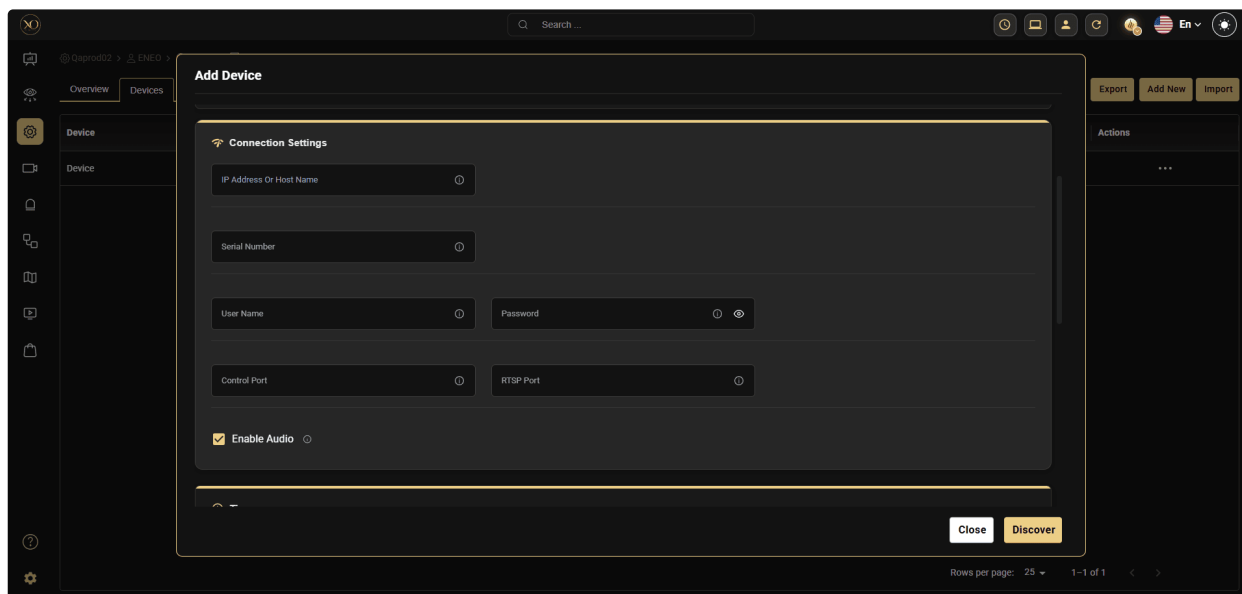
Camect

Step 4: In the dialog, open the Device dropdown and select Camect.



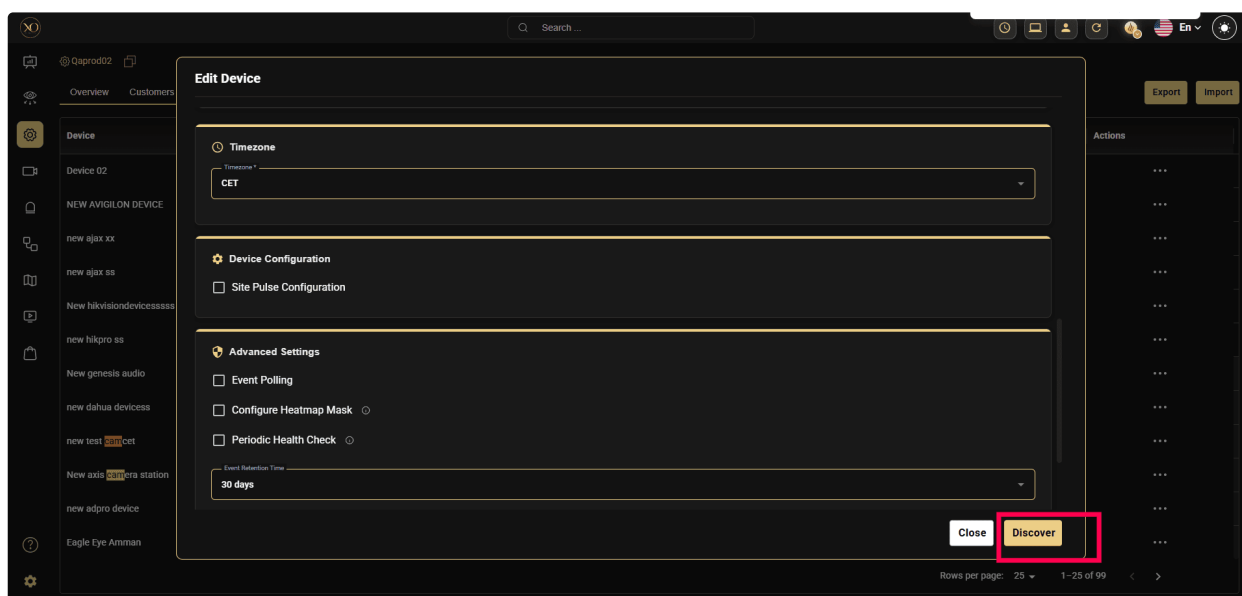
Camect

Step 5: Enter all required fields: Name, IP Address or Host Name, serial number, Username, Password , Control Port, RTSP Port.



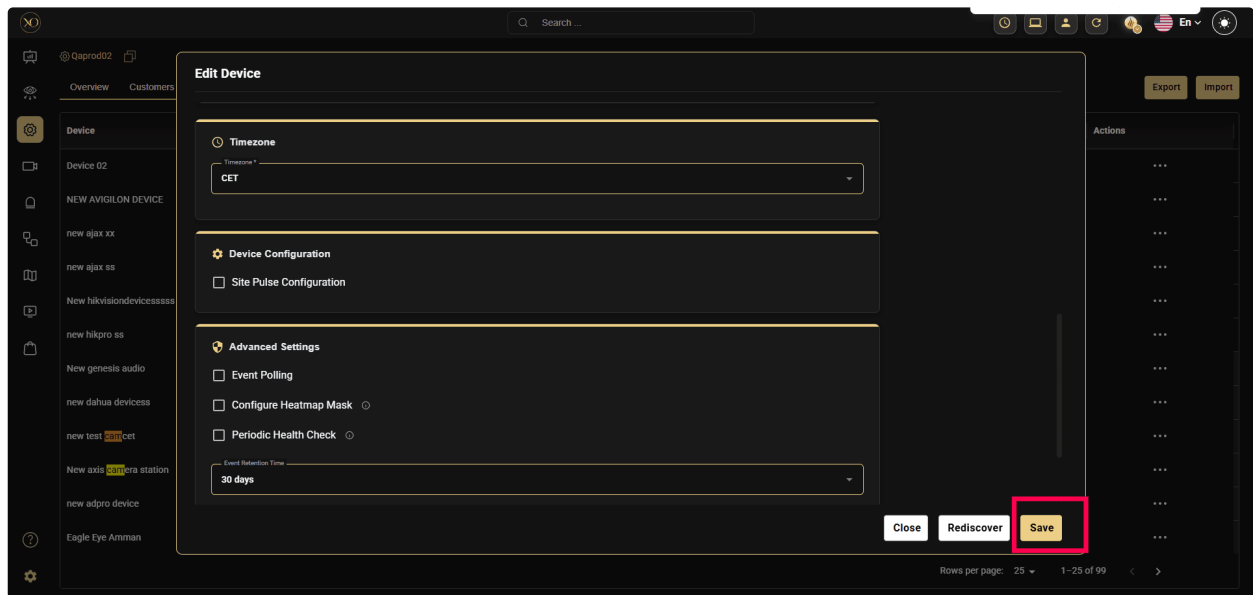
Camect

Step 6: Click Discover



Camect

Step 7: Once the device is successfully discovered, click Save .



Camect