

Observit – Guardian – XProtect Manual

How to Add Observit cameras in Milestone Xprotect



Short Manual for Adding Cameras to Milestone XProtect

This guide provides step-by-step instructions for adding cameras to Milestone XProtect.

Prerequisites

1. Ensure you have a **network camera** with the **Observit C3 application installed and configured**.
 2. Ensure the camera is powered on and connected to the same network as the XProtect Recording server.
 3. Verify the camera's IP address, username, and password.
 4. Confirm that the camera is compatible with XProtect. (Refer to the Milestone Supported Devices page if necessary.)
-

Steps to Add Cameras

Step 1: Open the XProtect Management Client

1. Launch the **XProtect Management Client** on your computer.
 2. Log in using your XProtect credentials.
-

Step 2: Access the Hardware Devices Section

1. Navigate to **Servers > Recording Servers** in the left-hand menu.
 2. Select the recording server to which you want to add cameras.
-

Step 3: Add Cameras

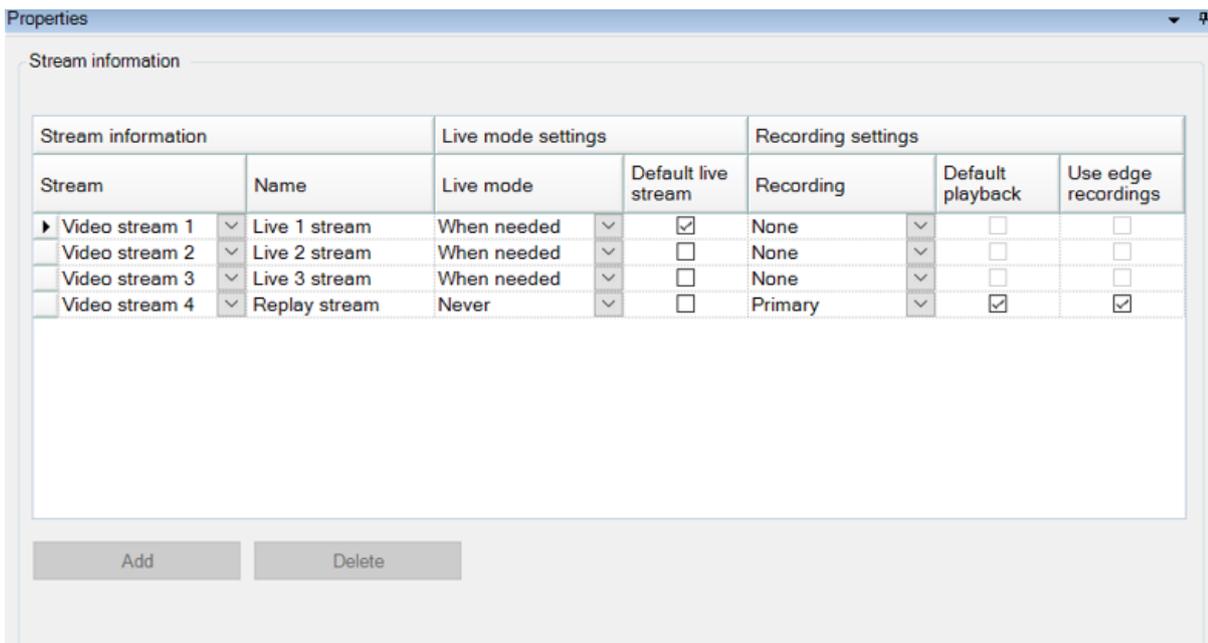
1. Right-click on the recording server and choose **Add Hardware**.
 2. Follow the **Add Hardware Wizard**:
 3. Add **Username and password** supplied by Observit.
 4. Select driver: **ONVIF-ONVIF Conformant Device**
 5. Manually add **network address** supplied by Observit, and **Port number**, also supplied by Observit.
 6. Choose **Hardware model- ONVIF Conformant Device**
-

Step 4: Verify Camera Details

1. The wizard will display discovered cameras. Verify the camera(s) you want to add.
2. Enter the camera credentials if prompted.

Step 5: Configure Camera Settings

1. Assign a **Name** to the camera for easier identification.
2. Set the **Streaming Method-RTP/RTSP/HTTP/TCP** on all shown video streams
3. Video stream settings (resolution, framerate, etc.) is automatically provided by Observit
4. Set Live mode to When needed on Live Stream
5. Set Live Mode to Never on Replay Stream
6. Select Default playback on Replay Stream
7. Set Use edge recordings on Replay stream



The screenshot shows a 'Properties' window with a 'Stream information' section. It contains a table with columns for Stream, Name, Live mode settings, and Recording settings. Below the table are 'Add' and 'Delete' buttons.

Stream information		Live mode settings		Recording settings		
Stream	Name	Live mode	Default live stream	Recording	Default playback	Use edge recordings
▶ Video stream 1	Live 1 stream	When needed	<input checked="" type="checkbox"/>	None	<input type="checkbox"/>	<input type="checkbox"/>
Video stream 2	Live 2 stream	When needed	<input type="checkbox"/>	None	<input type="checkbox"/>	<input type="checkbox"/>
Video stream 3	Live 3 stream	When needed	<input type="checkbox"/>	None	<input type="checkbox"/>	<input type="checkbox"/>
Video stream 4	Replay stream	Never	<input type="checkbox"/>	Primary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Buttons: Add, Delete

8. Turn off Recording

Properties

Recording settings

Recording

Record on related devices

Stop manual recording after: minutes

Pre-buffer

Location:

Time: seconds

Recording frame rate

JPEG: FPS

MPEG-4/H.264/H.265: Record keyframes only

Storage

Local default

Status:

Status	Database	Location	Used space
Offline	Local default	E:\Milestone\MediaD...	

Total used space:

Remote recordings

Automatically retrieve remote recordings when connection is restored

Info Settings Streams Record Motion Fisheye Lens Events Client Privacy masking

9. Turn off Motion Detection

The screenshot shows the 'Properties' window in Observit, specifically the 'Motion detection' section. The 'Motion detection' checkbox is unchecked. The 'Motion preview' section contains a video feed of a kitchen with a timestamp '00408c185dd7:1 2024-02-07 16:31:33'. The 'Hardware acceleration' is set to 'Automatic'. The 'Manual sensitivity' is set to 33, and the 'Threshold' is set to 2000. The 'Keyframes only (MPEG-4/H.264/H.265)' checkbox is checked. The 'Process image every (msec)' is set to 500, and the 'Detection resolution' is set to 12%. The 'Generate motion data for smart search' checkbox is unchecked. The 'Use exclude regions' section is expanded, showing a '16 x 16' grid size, a 'Clear' button, and checkboxes for 'Show grid' and 'Show regions', both of which are checked. The 'Pen size' is set to 'Small'. The 'Show privacy masks' checkbox is checked. The bottom of the window shows a navigation bar with icons for Info, Settings, Streams, Record, Motion, Fisheye Lens, Events, Client, and Privacy masking.

Properties

Motion detection

Motion preview
Use left and right mouse buttons to select/clear

Hardware acceleration:
 Automatic
 Off

Manual sensitivity 33
< >

Threshold: 2000
< >

Keyframes only (MPEG-4/H.264/H.265)

Process image every (msec): 500

Detection resolution: 12%

Generate motion data for smart search

Use exclude regions

16 x 16 Show grid

Clear Show regions

Pen size:
Small Large

Show privacy masks

Info Settings Streams Record **Motion** Fisheye Lens Events Client Privacy masking

Step 6: Test the Connection

1. Ensure the camera's status is **Online** in the XProtect Management Client.
2. Click on the camera and test the live video feed.

Step 7: Finalize and Save

1. Click **Finish** to complete the setup.
2. The camera will now appear under the recording server in the XProtect Management Client.

Troubleshooting Tips

- Ensure the Observit C3 application is properly installed and operational on the camera.
 - Check network connectivity between the camera and the server.
 - Verify that the camera's username and password are correct.
- 
- A decorative bar at the bottom of the page, consisting of a yellow segment on the left, a purple segment in the middle, and a green segment on the right.