

Eagle Eye Application Note - AN078

Installing Axis Cameras for Use With Eagle Eye Camera Direct

2024-10-23 Revision 1.0

Target Audience

This Application Note is intended for installers and technicians who install Axis cameras and want to use the Eagle Eye Camera Direct solution on-site for the Eagle Eye Cloud VMS.

Introduction

Using Eagle Eye Camera Direct, you can add your supported Axis cameras to the Eagle Eye Cloud VMS without needing a Bridge or CMVR. Install the ACAP (Axis Camera Application Platform) as shown below in the document, then connect your camera to a network with internet access, link it to the VMS using its MAC address, and it will be ready to stream. With Camera Direct for Axis cameras, you can stream, record video, get alerts, and search AI events using the Smart video search.

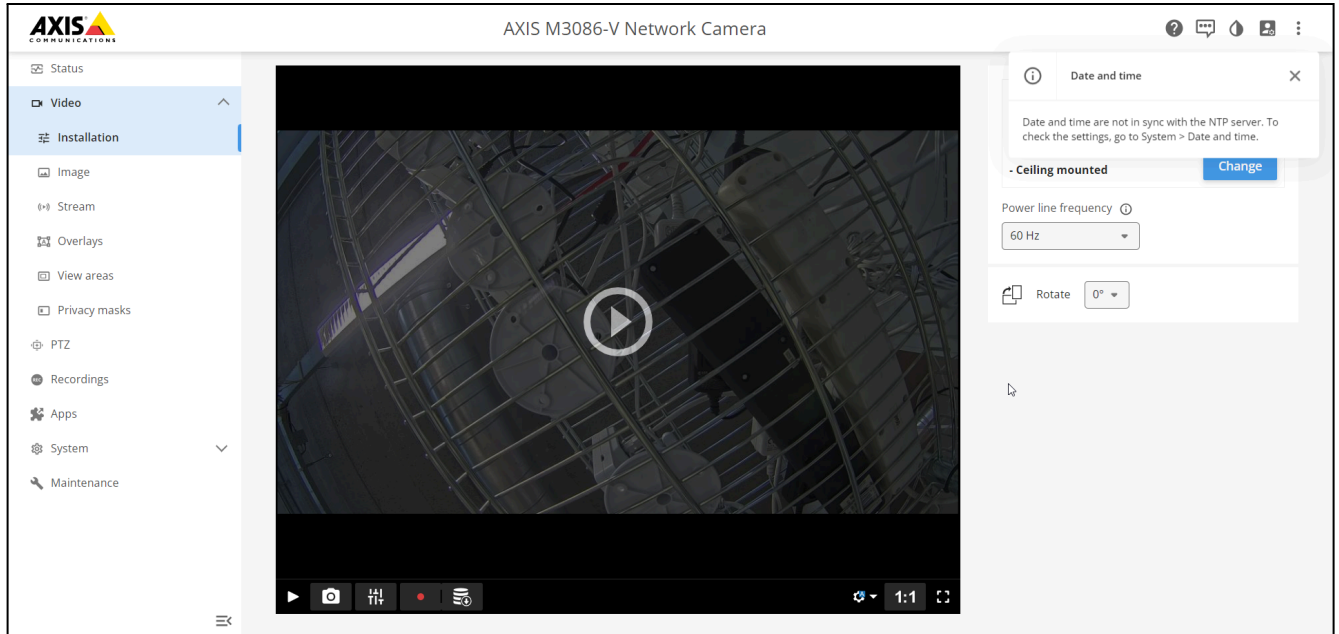
Supported Axis Camera Models

Note that Eagle Eye Camera Direct support requires Axis OS 11.8 or above. You can check camera compatibility with the [Axis Product Selector](#) or [our support document](#) for Axis Cameras.

How to add an Axis Camera to Eagle Eye Camera Direct

To add Axis Camera Direct to Eagle Eye Cloud VMS you need to follow the steps mentioned below:

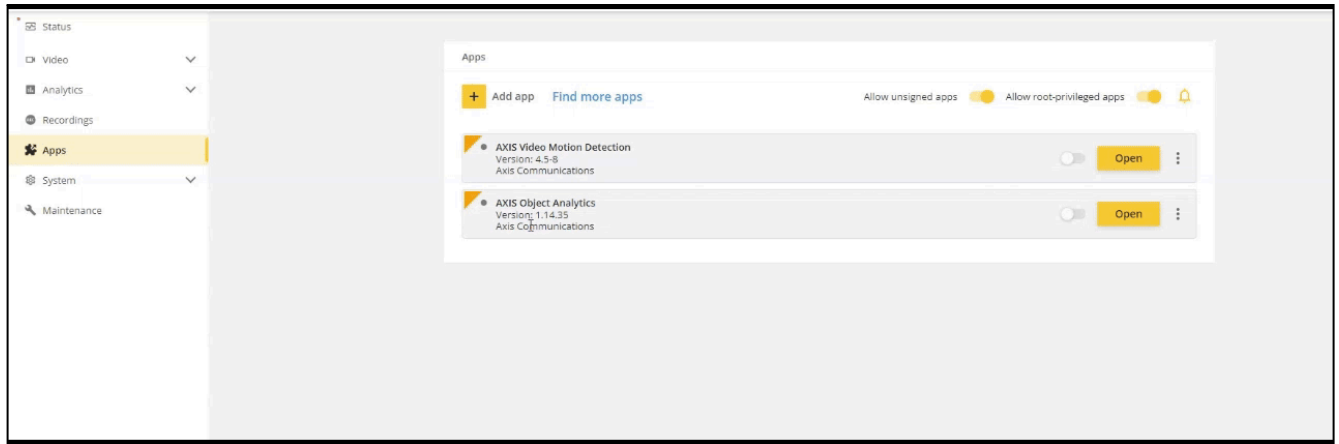
1. Log in to the Axis Camera UI.



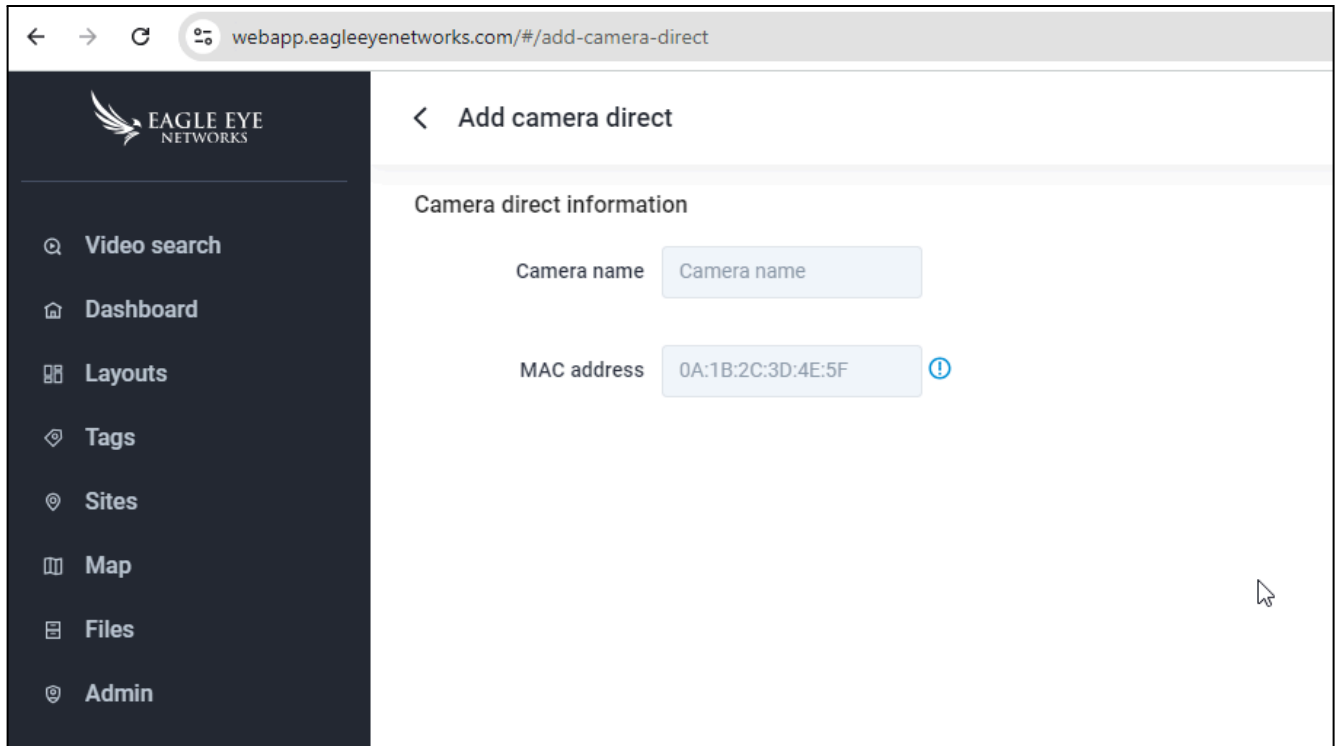
2. Download the appropriate EEConnect App (based on your camera architecture) for Axis Cameras:

- [Eagle Eye Camera Direct 1.1.0_aarch64](#)
- [Eagle Eye Camera Direct 1.1.0_armv7hf](#)

3. Upload the ACAP to the Camera and enable it.



4. Add the camera, using its MAC, to Eagle Eye Camera Direct.



Limitations on Axis Camera Direct

Motion Detection, Audio from camera to Cloud and AI-driven functionalities like Smart Video Search and Smart Layouts, along with Brivo Access integration all function as expected with Camera Direct. LPR/VSP within the Enhanced Web Interface is supported.

However, the following features are not supported with Axis Camera Direct cameras:

1. Edge storage cloud sync - Edge storage cloud sync uploads video from an on-board SD card after a network interruption. This means that if the network is interrupted then video will be lost.
2. 2-Way Audio - Audio from Eagle Eye VMS Cloud to camera is not supported.
3. Eagle Eye Analytics - Analytics (Line crossing, Counting, Loitering, Tampering, etc.) are not supported.
4. Eagle Eye Camera Tunnel. You cannot connect to the camera Web UI for Camera Direct cameras using Eagle Eye Camera Tunnel.
5. Eagle Eye Camera Direct is limited to six cameras, as there is no bandwidth management.

Please consult your regional Eagle Eye Networks sales engineer about installing more cameras.