

# How to add AXIS Cameras to a W Box NVR

1. Axis camera requires the time consistency while being added. If the camera time and NVR time have a great difference, camera will not be added successfully if the time difference is out of allowed range. So please first sync camera time and NVR time with PC before adding camera.

2. Add a user with Onvif privilege, we've already known this, which is the same as Hik camera.

3. Axis camera must support at least two H.264 profiles for Onvif. Axis camera only has one H.264 for Onvif when according to the result we checked on ODM tool. So we need to change the Onvif ability for streams.

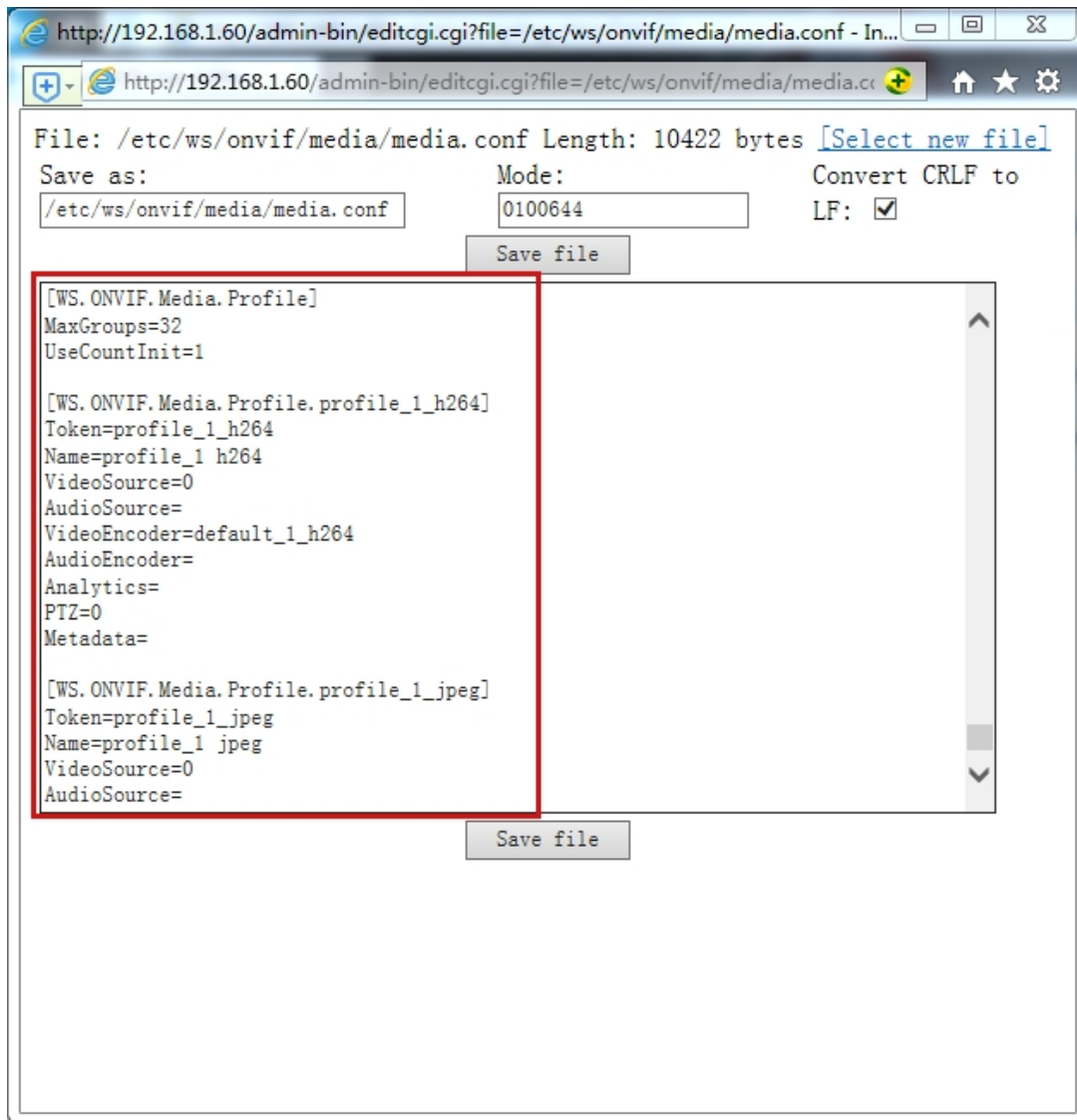
a. On the camera Web interface, go to the path System Options -> Advanced -> Scripting -> Open Script Editor -> ws -> onvif -> media -> media.conf.

The screenshot displays the web interface for an AXIS M3025 Network Camera. The top navigation bar includes the AXIS logo, the camera model name, and links for Live View, Setup, and Help. A left sidebar contains a menu with categories like Basic Setup, Video, Live View Config, Detectors, Applications, Events, Recordings, System Options, and About. Under System Options, the 'Scripting' option is highlighted with a red box. The main content area is titled 'Advanced Scripting' and features a button labeled 'Open Script Editor', which is also highlighted with a red box and an arrow. Below the button, there is a warning message: 'Axis strongly recommends that you do not use this function unless you fully understand the consequences. If the editing of a script does cause problems, the only recourse then will be to reset the product to its factory default settings.'

Technical Support: Contact your local ADI Technical Support Line

Website: [www.wboxtech.com/en/availability/](http://www.wboxtech.com/en/availability/)

b. You will see a text file that allows you to modify, drag the pull-down bar to the bottom. You can see here are only two profiles for Onvif, one is H.264 and another is JPEG.



c. change the second profile to H.264, the important value is Video Encoder, it should be one of the H.264 type selected from above list defined by camera. Here takes `bandwidth_h264` as an example.

The value before we change:

```
[WS. ONVIF. Media. Profile. profile_1_jpeg]
Token=profile_1_jpeg
Name=profile_1 jpeg
VideoSource=0
AudioSource=
VideoEncoder=default_1_jpeg
AudioEncoder=
Analytics=
PTZ=0
Metadata=
```

Then change it to the below value as an example:

```
[WS. ONVIF. Media. Profile. profile_2_h264]
Token=profile_2_h264
Name=profile_2 h264
VideoSource=0
AudioSource=
VideoEncoder=bandwidth_h264
AudioEncoder=
Analytics=
PTZ=0
Metadata=
```

- d. Click save file.
- e. Check on ODM tool again to verify if we can get two H.264 profiles for Onvif.