Unlimited New View

How to Troubleshoot If a Uniview Camera Has Strobe Problem?

Title:	How to Troubleshoot If a Uniview Camera Has Strobe Problem?	Version:	V1.2
Product:	IPC	Date	004/08/2025

How to Troubleshoot If a Uniview Camera Has Strobe Problem?

Description

Note: *This method is applicable to most scenarios. If the method cannot solve your problem, it is recommended to consult our Tech Support Team.*
https://global.uniview.com/Support/Service_Hotline/

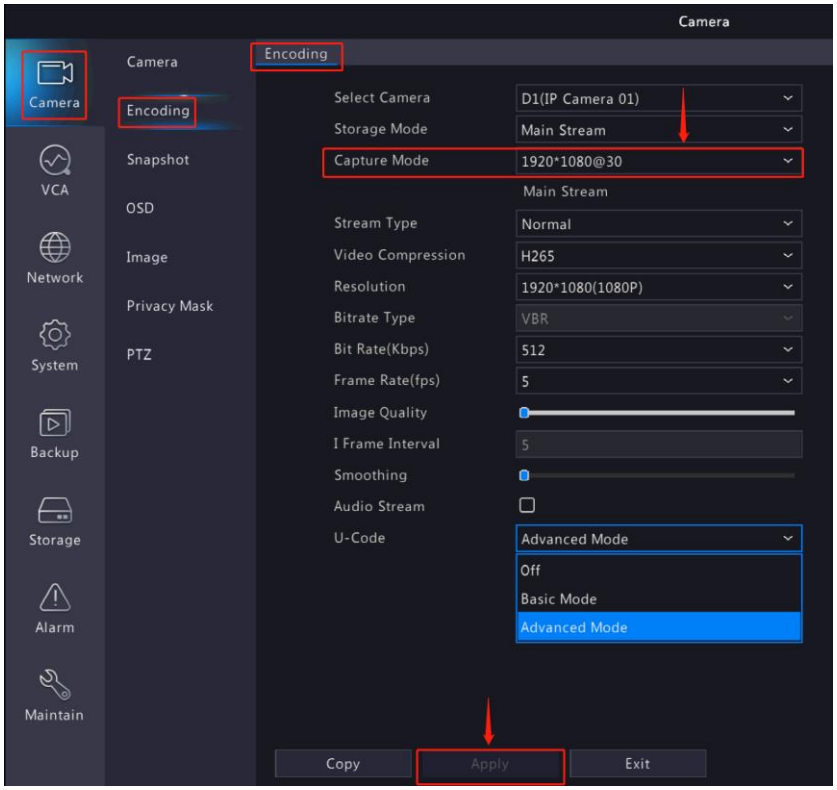
Background Knowledge

Stroboscopic is caused by the frequency difference between lens and ambient light, especially when the indoor light is on during daytime, which makes the camera fail to adjust its exposure mode automatically.

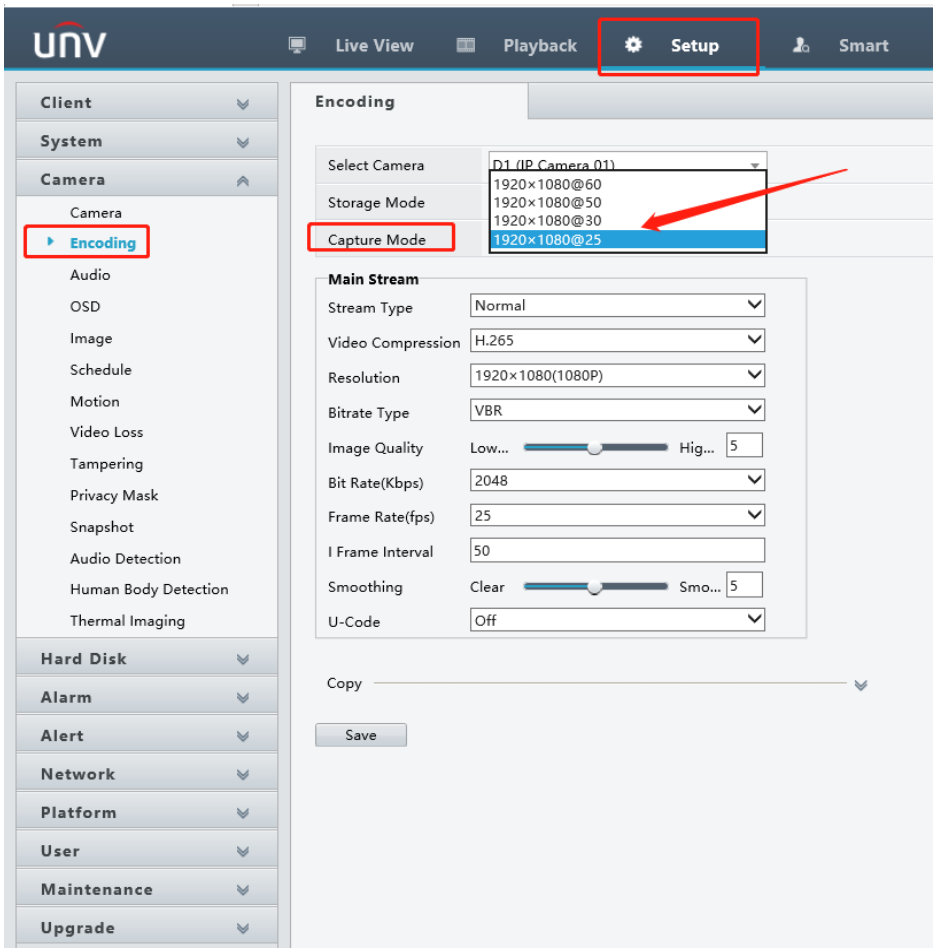
Operating Steps

Step 1 In some cases, this issue can be easily fixed by changing the capture mode of your camera on the NVR. You can test by changing the capture mode to resolutions with frame rate @20/@25/ @30.

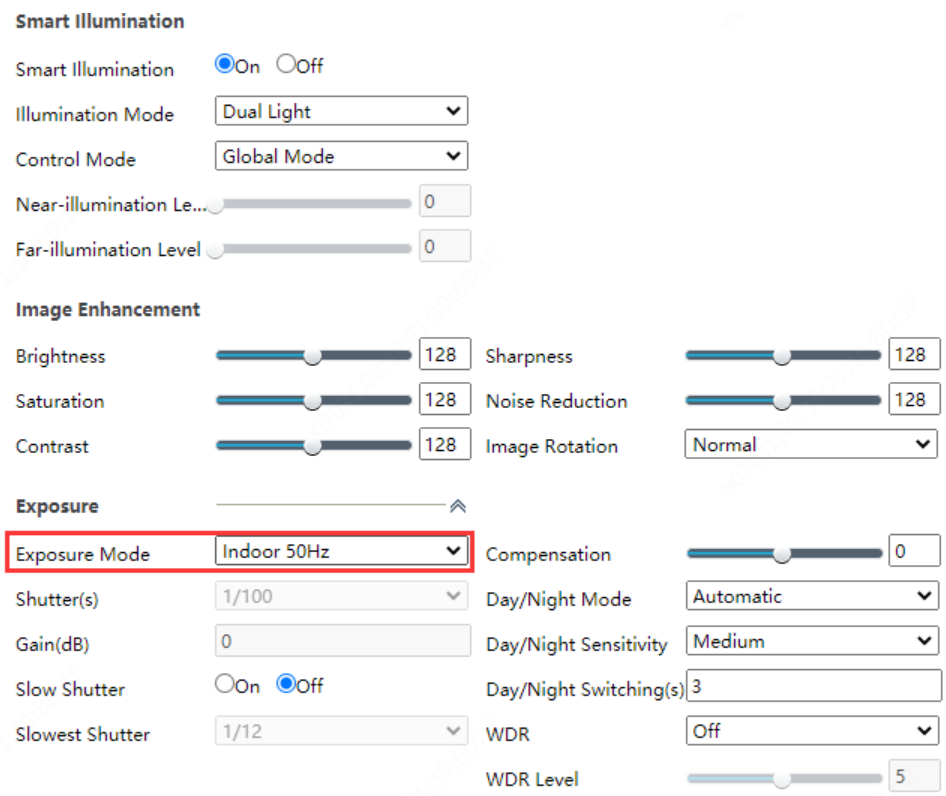
Here is the GUI path:



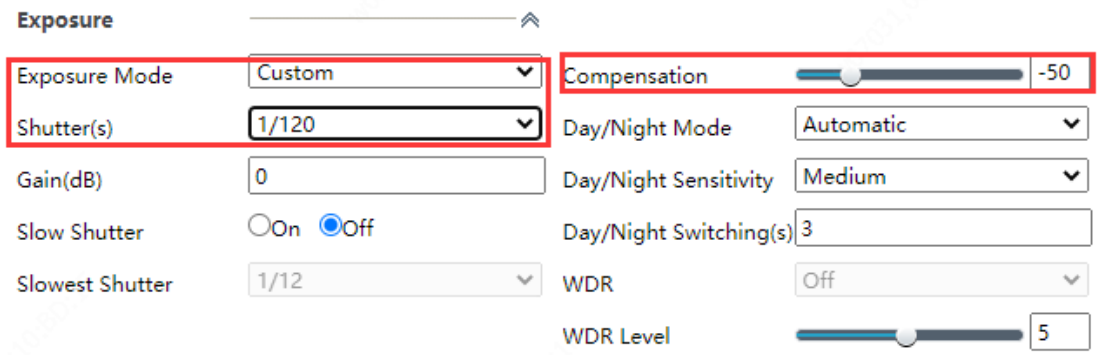
Here is the Web UI path:



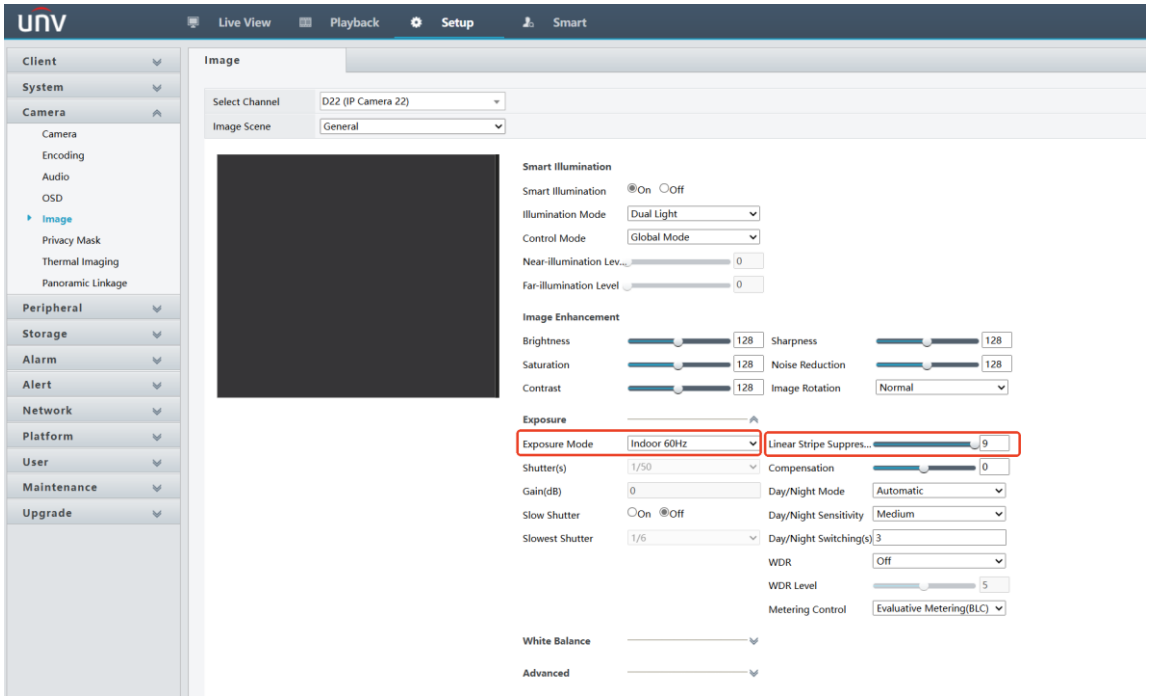
Step 2 If the issue still persists, please try to change the **Exposure Mode** to Indoor 50hz or Indoor 60hz.



Step 3 If steps above do not help, please try to change the **Shutter** manually to 1/120. If the image is too bright after setting **Shutter** to **1/120,** please try to lower the **Compensation**.



Step 4 If steps above do not help, please set the Exposure mode to Indoor 50HZ or Indoor 60HZ, and then adjust the strength of **Linear Stripe Suppression** and see how it works. This step can be skipped if there is no such option in the settings.



Step 5 However, this image parameter is not a 'one for all' solution, as it may be inappropriate for scenes without this issue. Therefore, **Auto switching** needs to be enabled on the camera.

Note: *Sometimes enabling WDR would also cause the strobe problem. For some scenes, WDR must be used. Lowering the WDR level and turning on Suppress WDR Stripes could optimize it.*

Title:	How to Troubleshoot If a Uniview Camera Has Strobe Problem?	Version:	V1.2
Product:	IPC	Date	004/08/2025