



Light Flicker Issue

Article ID: GV15-14-03-24-m Revision Date: 3/31/2016

Applied to

GV-IP Camera

Symptom

The flicking images happen when you expose the camera to the direct light, or when the light from any reflective materials, such as marble floors or big glass windows, is reflected on the camera image.

In the following example, we used a white color paper to reveal the light flicker. See the pale yellow lines on the paper.







Solution

To solve this light flicker issue: (1) change the Flicker less settings; (2) minimize exposure to light; (3) change the Brightness settings; (4) enable Auto Iris; and/or (5) change the cover on the camera. Refer to the steps below and follow the instructions to reduce light flicker.

1. Change the frequency of your camera's image to match the frequency of light sources.

On the Live View window of GV-IP Camera, select the **Expand** icon , select the **Menu** icon , select **Camera Adjustment**, select **50 Hz** or **60 Hz** under Flicker less, and select **Save**.

Live View							
In this section you can see a	nd configure the default camera vi	ew.					
Live View Configuration							
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			Auto	•			
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			50 Hz 50 Hz		=		
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Note: You may check the power utility to determine which electricity frequency is used. In the US it's 60 Hz and in most of Europe it's 50 Hz.

2. Try to avoid direct exposure to sources of light.





3. Change the brightness of your camera's image to determine whether the flicker issue can be reduced.

On the Live View window of GV-IP Camera, select the **Expand** icon , select the **Menu** icon , select **Camera Adjustment**, adjust the brightness of the image under Brightness, and select **Save**.

Live View					
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4. When the above three solutions do not work, you may enable **Auto Iris** if your camera supports the function.

On the Web interface of GV-IP Camera, select **Video and Motion**, select **Video Setting**, select **Streaming 1** and enable **Auto Iris**. The Message from webpage window appears. Click **OK** and click **Apply**.

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GeoUision		Post-alarm recording time	1 jseconds with hard disk installed (1~30)		
Video and Motion		Split interval	5 V minutes		
	Live View	Record audio			
	Video Settings	Continue recording to the local storage when live view is			
	Streaming1	accessed			
	Streaming2				
	Motion Detection	OSD Setting			
	Privacy Mask				
	Text Overlay	n this section you can set up Text Overlay			
	Tampering Alarm	Overlaid with camera name			
	Visual Automation	Overlaid with date stamps			
	I/O Control	Overlaid with time stamps			
	Events and Alerts				
	Monitoring	TV-Out Message from webpage	—		
	Recording Schedule	Wessage from webpage			
	Network	Signal Format O NTSC			
	Management	Note the Auto Iris ca	nnot be applied to all scenes. Do you want		
	Logout	LED Control to enable Auto Iris?			
<<					
		Ready LED Enable			
			OK Cancel		
		Special View Setting	OK		
		Additional functions for Live view			
		D/N			
		Auto Sensitivity 5			
		Black and White			
		Color			
		IR Check Function: Off On Trigger IR by D/N			
		Auto Iris) Enable O Disable			
		BLC Off On			
		Apply			
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5. For **GV-MFD**, **GV-MDR**, **GV-UBX** and **Target Series (for GV-EBX 1100**, **GV-EFD 1100**), since there is no Auto Iris option, you may replace the transparent cover to a smoked cover to reduce light transmission.



The figure above is a sample of a GV-MFD and GV-MDR Series smoked cover.

For the optional cover, please contact our sales representative for more information.