

How to set Exposure?

Answer:

Note: This function or management page may vary with models. Please see actual Web interface for details.

Note: The default settings are scene-adaptive. Use default settings unless modification is necessary.

1. Click **Setup > Image > Image** and then click **Exposure**.

The screenshot shows the 'Exposure' settings panel. It includes the following controls:

- Exposure Mode:** A dropdown menu set to 'Custom'.
- Shutter(s):** Two dropdown menus showing a range from 1/100000 to 1/200.
- Gain:** A range from 0 to 100.
- Slow Shutter:** Radio buttons for 'On' and 'Off', with 'Off' selected.
- Slowest Shutter:** A dropdown menu set to 1/12.
- Compensation:** A slider bar with a value of 0.
- Day/Night Mode:** Radio buttons for 'Automatic', 'Day', and 'Night', with 'Automatic' selected.
- Day/Night Sensitivity:** A dropdown menu set to 'Ultra-low'.
- Day/Night Switching(s):** A text input field with the value 60.
- HLC Intensity:** A slider bar with a value of 5.

2. Set the parameters as required. The following table describes some major parameters.

Parameter	Description
Exposure Mode	<p>Select the correct exposure mode to achieve the desired exposure effect.</p> <ul style="list-style-type: none"> • Automatic: The camera automatically adjusts exposure according to the environment. • Custom: The user sets exposure as needed. • Indoor 50Hz: Reduce stripes by limiting shutter frequency. • Indoor 60Hz: Reduce stripes by limiting shutter frequency. • Manual: Finetune image quality by setting shutter, gain and iris manually. • Low Motion Blur: Control the minimum shutter to reduce motion blur in faces captured in motion.
Shutter (s)	<p>Shutter is used to control the light that comes into the lens. A fast shutter speed is ideal for scenes in quick motion. A slow shutter speed is ideal for scenes that change slowly.</p> <p>Note:</p> <ul style="list-style-type: none"> • You can set a shutter speed when Exposure Mode is set to Manual or Shutter Priority. • If Slow Shutter is set to Off, the reciprocal of the shutter speed must be greater than the frame rate.
Gain (dB)	Control image signals so that the camera outputs standard video signals

Parameter	Description
	<p>according to the light condition.</p> <p>Note: You can set this parameter only when Exposure Mode is set to Manual or Gain Priority.</p>
Iris	Adjust iris opening of the lens to control the amount of incoming light.
Slow Shutter	<p>Improves image brightness in low light conditions.</p> <p>Note: You can set this parameter only when Exposure Mode is not set to Shutter Priority and when Image Stabilizer is disabled.</p>
Slowest Shutter	<p>Set the slowest shutter speed that the camera can use during exposure.</p> <p>Note: You can set this parameter only when Slow Shutter is set to On.</p>
Compensation	<p>Adjust the compensation value as required to achieve the desired effects.</p> <p>Note: You can set this parameter only when Exposure Mode is not set to Manual.</p>
Metering Control	<p>Set the way the camera measures the intensity of light.</p> <ul style="list-style-type: none"> • Center-Weighted Average Metering: Measure light mainly in the central part of images. • Evaluative Metering: Measure light in the customized area of images. • Highlight compensation: Ignore the brightness of the overexposed area of images. But selecting this setting will decrease the overall brightness of the image. • Face Metering: Adjust image quality in poor lighting conditions by controlling the brightness of captured face in Face scene. <p>Note: You can set this parameter only when Exposure Mode is not set to Manual.</p>
Day/Night Mode	<ul style="list-style-type: none"> • Automatic: The camera outputs the optimum images according to the light condition. In this mode, the camera can switch between night mode and day mode automatically. • Night: The camera provides high-quality black and white images using the existing light • Day: The camera provides high-quality color images using the existing light.
Day/Night Sensitivity	<p>Light threshold for switching between day mode and night mode. A higher sensitivity means that the camera is more sensitive to the change of light and becomes more easily to switch between day mode and night mode.</p> <p>Note:</p>

Parameter	Description
	You can set this parameter only when Day/Night Mode is set to Automatic .
Day/Night Switching(s)	Set the length of time before the camera switches between day mode and night mode after the conditions for switching are met. Note: You can set this parameter only when Day/Night Mode is set to Automatic .
WDR	Enable WDR to distinguish the bright and dark areas in the same image. Note: You can set this parameter only when Exposure Mode is neither Customize nor Manual and when Image Stabilizer is disabled.
WDR Level	After enabling the WDR function, you can improve the image by adjusting the WDR level. Note: Use level 7 or higher when there is a high contrast between the bright and dark areas of the scene. In the case of low contrast, it is recommended to disable WDR or use level 1-6.
Suppress WDR Stripes	When enabled, the camera can automatically adjust slow shutter frequency according to the frequency of light to minimize stripes that may appear in images.

3. To restore the default settings, click **Default**.