

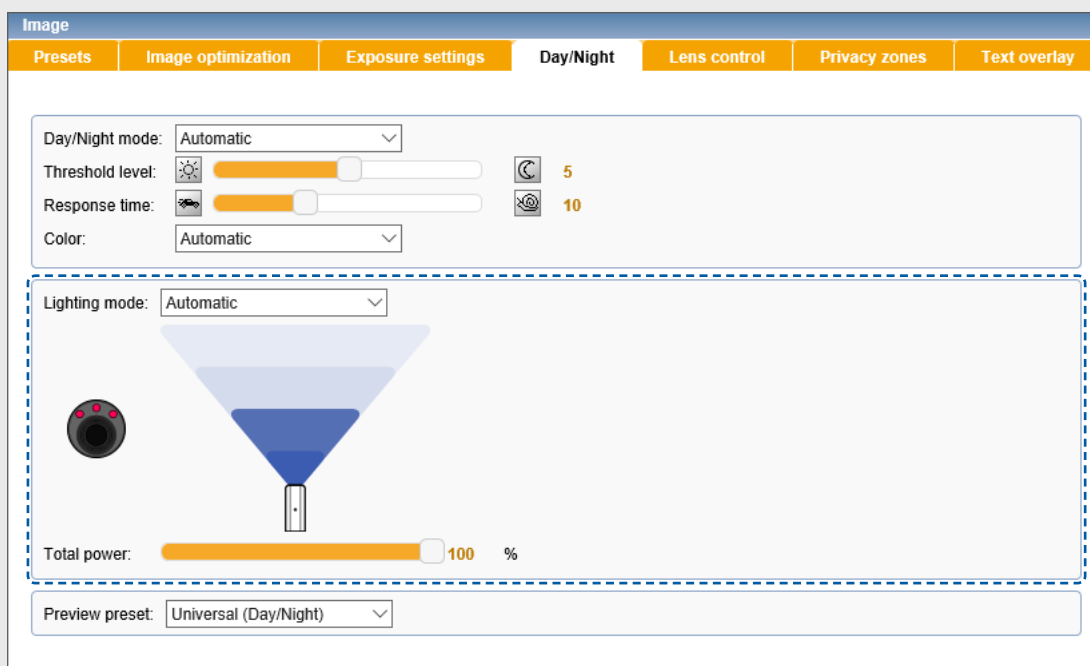
New Infrared (IR) LED Technology

The use of new high-power IR LEDs greatly improved the integrated infrared lighting. Compared to previous generations of Dallmeier IR cameras, the following improvements and innovations are introduced with the new IR LED technology:

- Increase of the IR beam angle to 90° – regardless of the specified IR power
- Extension of the IR illumination range to up to 30 m
- Essentially more homogeneous IR illumination by a uniform distribution of the luminous power to all IR LEDs
- Considerably less overexposures of bright or high-reflecting objects even at full IR power
- Redesigned and simplified configuration web interface for an increased usability

Configuration of IR Illumination Settings

1. In the configuration menu, left-click the “Image” menu item to display the “Image” dialog box.
2. Go to the “Day/Night” tab and adjust the required IR illumination settings:



Lighting mode

- Automatic:
As soon as the camera switches from day to night mode, the IR illumination is automatically activated with the specified “Total power” (see below).
- Always on:
The IR illumination always remains active with the specified “Total power” (see below) regardless of the day/night mode.
- Always off:
The IR illumination always remains inactive regardless of the day/night mode.

Total power

This setting is only available if the lighting modes “Automatic” or “Always on” have been selected. The “Total power” slider allows for setting the operating range and the intensity of the IR illumination. The percentage of the total IR power can be adjusted in 5 steps: 0, 25, 50, 75 and 100%.

The adjusted total power of the IR illumination is illustrated with the displayed icons.