
Light configurations of Dual-light Camera

Dual-light camera has IR LED and white light LED. Both of them can be used for illumination during night time (activated by external light). Besides, white light can be also activated by events.

1. Activated by Environmental Light

Go to [Settings](#) > [Image](#) > [Display](#), click [Edit Settings](#). User can switch day/night mode and illumination mode:

The screenshot shows the camera's settings interface. On the left is a sidebar with a menu: Quick Start, System, Network, Video/Audio, Image (selected), PTZ, and Event. The main area has tabs for Display, OSD, Privacy Masking, and Video Standard. Under the 'Display' tab, there are buttons for 'Edit Settings' and 'Current Settings'. Below these is a 'Profile' dropdown set to 'Profile 1'. A list of settings follows: Mode, Image, Scene, Exposure, White Balance, and Day/Night. The 'Day/Night' setting is expanded, showing a dropdown menu with options: Auto (selected), Day Mode, Night Mode, and Timer. To the right of the dropdown are input fields for 'Delay(S)' (5) and 'Sensitivity' (50). Below the dropdown is the 'Illumination' setting, which is a dropdown menu set to 'Auto'. At the bottom is the 'White LED' setting, a dropdown menu set to 'Auto', and the 'Strength' slider, which is set to 50.

Auto: The camera will switch between day mode and night mode based on the ambient light. When the environment is bright, camera will stay in day mode and the camera will not turn on any lights. If the environment is dark, it will stay in night mode and the camera will turn on IR LED or white LED (depends on the illumination mode selection).

Day mode: No light will be activated.

Night mode: IR LED or white LED will be activated. (depends on the illumination mode selection)

Timing: The camera will switch between day mode and night mode according to the set time.

Illumination mode: See below.

The screenshot displays a web-based camera settings interface. On the left is a sidebar menu with categories: Quick Start, System, Network, Video/Audio, Image (highlighted in blue), PTZ, and Event. The main content area has tabs for Display, OSD, Privacy Masking, and Video Standard. Under the Display tab, there are buttons for 'Edit Settings' and 'Current Settings'. A 'Profile' dropdown menu is set to 'Profile 1'. Below this is a list of settings: Mode, Image, Scene, Exposure, White Balance, and Day/Night. The Day/Night setting is expanded, showing sub-settings: Setting (set to 'Auto'), Delay(S) (slider from 0 to 5), Sensitivity (slider from 0 to 50), Illumination (dropdown menu), IR LED (checkbox), and Strength (slider from 0 to 50). The 'Illumination' dropdown menu is open, showing options: IR LED (selected), White LED, Intelligent, and None.

IR LED: The IR LED will be activated in night mode.

White LED: The white LED will be activated in night mode.

Intelligent: The IR LED will be on by default in night mode. If the camera detects a person or vehicle at night, the IR LED will be off and white LED will be on. After the the person or vehicle gone, it will switch back to IR LED.

None: No light will be activated in night mode.

2. Activated by Events

White light can be linked when an alarm occurs. Currently, motion alarm in and all intelligent events can support the alarm linkage to trigger white light.

Step 1: Light configuration, go to [Settings](#) > [Event](#) > [White Light Alarm Output](#).

Quick Start
System
Network
Video/Audio
Image
PTZ
Event

Motion Alarm Alarm In Alarm Out Disk Alarm Network Alarm Day/Night Switch Alarm Abnormal Sound Detection Push Message White Light Alarm Output Red and Blue Light Alarm Output

Settings

Alarm Duration 10 (10-60S)

Flicker Mode Steady-on Mode

Manual control duration(S) 0 (0-1800S)

Start Stop

Schedule

0 2 4 6 8 10 12 14 16 18 20 22 24

Sun
Mon
Tue
Wed
Thu
Fri
Sat

Select All Clear All

Apply

Alarm Duration: Within the range of 10 to 60 seconds, it is the time duration which the white light will remain on after the alarm ends.

Manual control duration: Within the range of 0 to 1800 seconds, when the user manually turns on the white light, the white light will remain on for a certain period of time. 0s means it remains on all the time.

Flicker Mode: The white light will flick at a certain interval instead of remaining solid on, with a flicker interval ranging could be set 0 to 5000ms.

Schedule: The white light will work based on this schedule.

Step 2: Event Linkage Configuration

Go to any [Event Configuration](#) page, for example: [Intrusion](#) Settings. There is a toggle to activate light when event occurs.

IP Camera

Live View

Playback

IVS

Setting

←

Intrusion

Smart Motion

Single Line Crossing

Double Line Crossing

Multi-Loitering

Wrong-Way

Event Actions

Output Channel

☐ 1 ☐ 2

Audible Alarm

☐

Alarm Record

☐

SMTP

☐

FTP Upload

☐

Linkage Tracking

☐

White Light Alarm

☐

Schedule

0 2 4 6 8 10 12 14 16 18 20 22 24

Sun.

Mon.

Tue.

Wed.

Thur.

Fri.

Sat.

Select All

Clear All

Apply