

Backlight

AFSA



Rain, Snow and Fog



**Wiz Sense**

# AI Scene Self-adaption

Stronger AI, Better Image



Deep Learning  
Algorithm



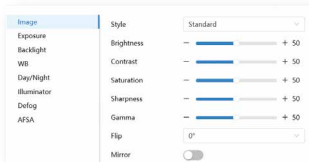
Multi-scene



Self-adaption

## User Worries

Have you encountered these CCTV problems?



Too many parameters and the settings is difficult and confusing



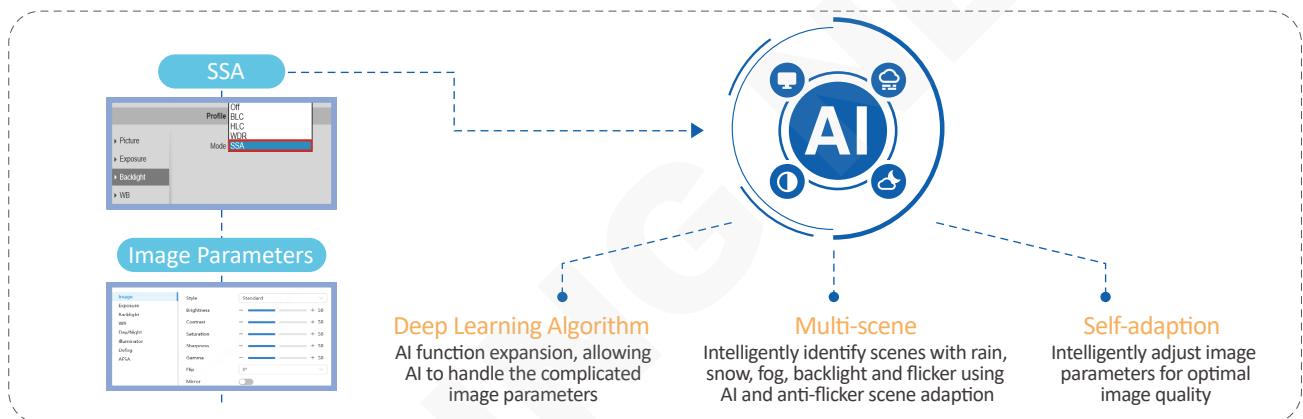
Scene changes that require manual adjustment in the settings



Different camera needs different settings

## Deep Learning Algorithm

With the continuous development of video surveillance and AI, the demand for images with higher quality is also increasing. The Dahua AI SSA (Scene Self-adaption) technology is based on deep learning algorithm that can intelligently identify multiple scenes and adjust to their optimal images.



## Multi-scene

AI SSA can identify multiple scenes such as rain, snow, fog, backlight and flicker, making the camera suitable for more indoor and outdoor application scenarios.

### Rain, Snow, and Fog

Automatically switches to defog mode and adjusts image parameters.



### Backlight

Identifies backlight scenes and adjusts WDR settings to ensure clear and vivid image.



### AFSA

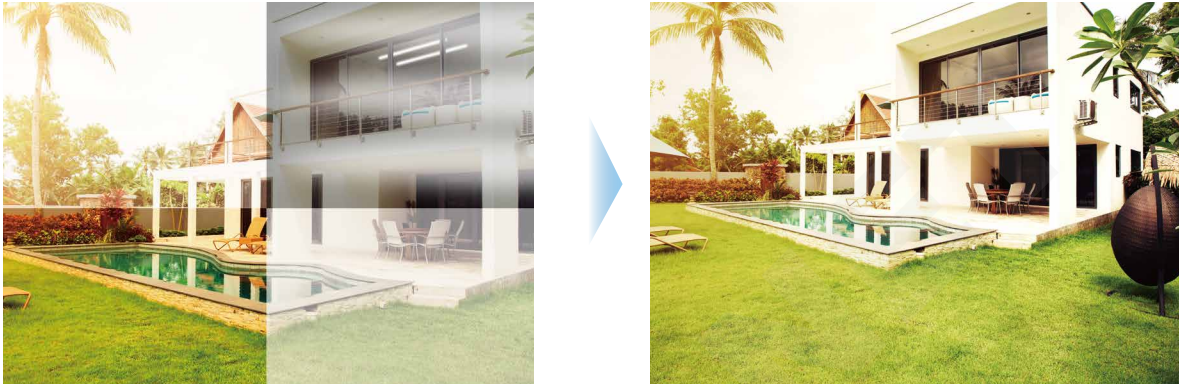
The anti-flicker scene adaption solves the horizontal stripes problem caused by flashing LED lights.



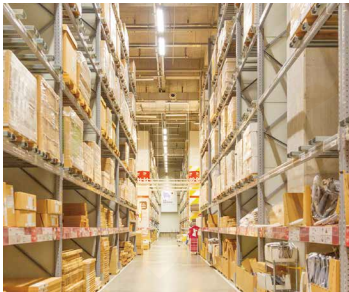


## Self-adaption

Based on the scene condition, AI SSA will adjust the image parameters such as exposure, lightness, or other specific image features to capture the highest quality images.



## Recommended Scenarios



Warehouse



Office



Villa



Shopping Mall




School



Farm


## WizSense IPC



### IPC 3X41-S2 Fixed-focal Series (2M/4M/5M/8M)

- SMD 4.0
- Quick Pick
- AI SSA
- Perimeter Protection
- AI Coding

- SMD 4.0, Quick Pick, AI SSA, AI Coding, Perimeter Protection
- 2.1mm (Only Wedge Dome), 2.8mm, 3.6mm, 6mm
- Built-in mic
- Smart H.264+/H.265+ triple-stream encoding
- Starlight, WDR, 3D DNR, HLC, BLC
- Micro SD card, IP67, PoE



### IPC 3X41-S2 Vari-focal Series (2M/4M/5M/8M)

- SMD 4.0
- Quick Pick
- AI SSA
- Perimeter Protection
- AI Coding

- SMD 4.0, Quick Pick, AI SSA, AI Coding, Perimeter Protection
- 2.7-13.5mm
- Built-in mic
- Smart H.264+/H.265+ triple-stream encoding
- Starlight, WDR, 3D DNR, HLC, BLC
- Micro SD card, IP67, PoE

