

Full-color

alhua
TECHNOLOGY



Explore New Innovations with Full-color 2.0 Camera



Adaptable



Clear



Flexible



Smart

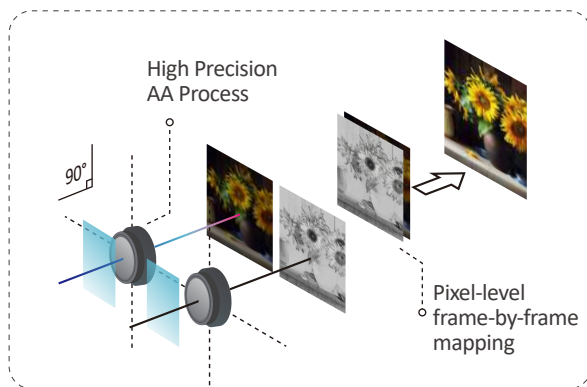
Overview

With constant improvements in software and hardware, the new generation of full-color technology is now equipped with dual-sensor structure and software optimization. It can output high-quality color images even when the white light is off which greatly reduces light pollution. In addition, its 4K resolution makes it possible to catch vivid color details at night. It also offers optical zoom and AI features that help save costs and improve work efficiency, making it suitable for a variety of application scenarios.

Full-color Key Technologies

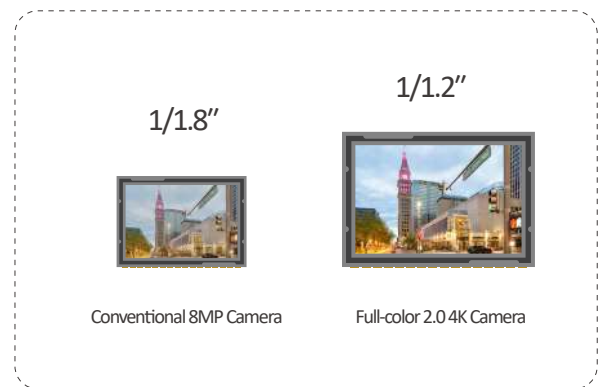
Dual-lens

- Dual Light Fusion technology works even without the supplementary white light, reducing light pollution.
- High Precision AA (Active Alignment) Process



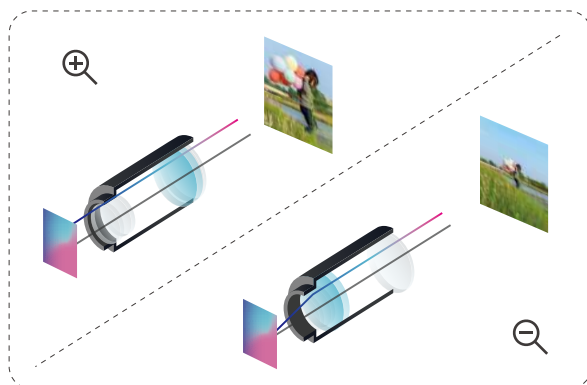
4K Color Image

- Its 1/1.2" advanced CMOS provides 110% pixel size increase compared with conventional 8MP sensor.



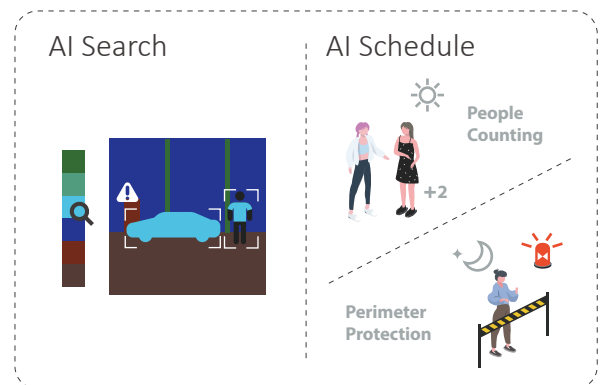
Vari-focal

- Its 2.7mm-12mm focal length provides approx. 5x optical zoom.



AI Features

- It offers AI Search using color attributes and AI Schedule based on different time periods.



Dual-lens

Color images can be outputted without turning on the supplementary white light. It can significantly help reduce light pollution in the area, making the camera an environment-friendly device.



4K Color Image

- Ultra HD Full-color night vision
- 42% brightness increase compared with conventional 8MP camera
- Realizes ultra low illumination and real-time 4K color images

Vari-focal

Adopts motorized vari-focal lens and auto focus function, providing great convenience and saving time and labor costs.



AI Search

- Works together with Dahua 5-I/L series NVR to enable AI search and extract event videos
- Extracts color attributes of human and vehicle targets such as clothes color, car exterior, etc.
- Improves search efficiency and reduces labor costs

AI Schedule

- AI Schedule allows users to switch to different AI functions based on time schedule.
- For retail shops, AI Schedule offers people counting at day time, and perimeter protection during the night.



Application Scenarios



Villa at night

- 24/7 color monitoring captures vivid details
- No need for white light, thus reducing light pollution
- Approx. 5x optical zoom covers narrow indoor spaces and wide outdoor scenarios



Retail Shop

- People counting at day time, perimeter protection at night time
- 4K resolution provides more details of the event
- Restores the real color information accurately



Parking lot at night

- Focuses on the color attributes of people's clothes and vehicle's exterior
- Extracts the color information of intruders to help speed up investigation

Full-color Product Family

IP Camera

Dual-lens Series



4MP Eyeball

- DH-IPC-HDW5449H-ASE-D2
- 140 dB WDR
- 0.0005 Lux@F1.0
- 2.8/3.6mm Fixed-focal Lens
- SMD 3.0, Perimeter Protection



4MP Bullet

- DH-IPC-HFW5449T1-ASE-D2
- 140 dB WDR
- 0.0005 Lux@F1.0
- 2.8/3.6mm Fixed-focal Lens
- SMD 3.0, Perimeter Protection

4K Series



4K Bullet

- DH-IPC-HFW5849T1-ASE-LED
- 140 dB WDR
- 0.0005 Lux@F1.0
- 2.8/3.6mm Fixed-focal Lens
- SMD 3.0, Perimeter Protection, People Counting, Face Detection

Vari-focal Series



4MP Dome

- DH-IPC-HDBW5449R1-ZE-LED
- 140 dB WDR
- 0.0005 Lux@F1.0
- 2.7-12mm Vari-focal Lens
- SMD 3.0, Perimeter Protection, People Counting, Face Detection



4MP Bullet

- DH-IPC-HFW5449T1-ZE-LED
- 140 dB WDR
- 0.0005 Lux@F1.0
- 2.7-12mm Vari-focal Lens
- SMD 3.0, Perimeter Protection, People Counting, Face Detection

Fixed Lens Series



4MP Dome

- DH-IPC-HDBW5449R-ASE-LED
- 140 dB WDR
- 0.0005 Lux@F1.0
- 2.8/3.6mm Fixed-focal Lens
- SMD 3.0, Perimeter Protection, People Counting, Face Detection



4MP Eyeball

- DH-IPC-HDW5449TM-SE-LED
- 140 dB WDR
- 0.0005 Lux@F1.0
- 2.8/3.6mm Fixed-focal Lens
- SMD 3.0, Perimeter Protection, People Counting, Face Detection



4MP Bullet

- DH-IPC-HFW5449T-ASE-LED
- 140 dB WDR
- 0.0005 Lux@F1.0
- 2.8/3.6mm Fixed-focal Lens
- SMD 3.0, Perimeter Protection, People Counting, Face Detection

HDCVI Camera

POC Series



5MP (16:9) POC Bullet

- HAC-HFW1509T-A-LED-POC
- Super Adapt
- WDR & 3DNR
- 0.001 Lux@F1.0
- Built-in mic
- 2.8/3.6mm Fixed-focal Lens



5MP (16:9) POC Eyeball

- HAC-HDW1509T-A-LED-POC
- Super Adapt
- WDR & 3DNR
- 0.001 Lux@F1.0
- Built-in mic
- 2.8/3.6mm Fixed-focal Lens

Vari-focal Series



1080P/5MP (16:9) Bullet

- HAC-HFW1239TU-Z-A-LED(-DP)
- HAC-HFW1509TU-Z-A-LED(-DP)
- Super Adapt
- WDR & 3DNR
- 0.001 Lux@F1.0/F1.6
- Built-in mic
- 2.7-13.5mm Motorized Vari-focal Lens



1080P/5MP (16:9) Eyeball

- HAC-HDW1239T-Z-A-LED(-DP)
- HAC-HDW1509T-Z-A-LED(-DP)
- Super Adapt
- 130 dB WDR & 3DNR
- 0.001 Lux@F1.0/F1.6
- Built-in mic
- 2.7-13.5mm Motorized Vari-focal Lens

Fixed Lens Series



1080P/5MP (16:9) Bullet

- HAC-HFW1239MH-A-LED
- HAC-HFW1509MH-A-LED
- Super Adapt
- WDR & 3DNR
- 0.001 Lux@F1.0/F1.6
- Built-in mic
- 3.6/6mm Fixed-focal Lens



1080P/5MP (16:9) Bullet

- HAC-HFW1239TLM(-A)-LED
- HAC-HFW1509TLM(-A)-LED
- Super Adapt
- WDR & 3DNR
- 0.001 Lux@F1.0/F1.6
- Built-in mic
- 3.6/6mm Fixed-focal Lens



1080P/5MP (16:9) Bullet

- HAC-HFW1239T(-A)-LED
- HAC-HFW1509T(-A)-LED
- Super Adapt
- WDR & 3DNR
- 0.001 Lux@F1.0/F1.6
- Built-in mic
- 2.8/3.6mm Fixed-focal Lens



1080P/5MP (16:9) Bullet

- HAC-HFW1239C(-A)-LED
- HAC-HFW1509C(-A)-LED
- Super Adapt
- WDR & 3DNR
- 0.001 Lux@F1.0/F1.6
- Built-in mic
- 2.8/3.6mm Fixed-focal Lens



1080P/5MP (16:9) Eyeball

- HAC-HDW1239T(-A)-LED
- HAC-HDW1509T(-A)-LED
- Super Adapt
- WDR & 3DNR
- 0.001 Lux@F1.0/F1.6
- Built-in mic
- 2.8/3.6mm Fixed-focal Lens



1080P/5MP (16:9) Eyeball

- HAC-HDW1239TLQ(-A)-LED
- HAC-HDW1509TLQ(-A)-LED
- Super Adapt
- WDR & 3DNR
- 0.001 Lux@F1.0/F1.6
- Built-in mic
- 2.8/3.6mm Fixed-focal Lens

* Design and specifications are subject to change without notice.

