

Full-color 2.0 Camera



Colorful View Ever, Dark World Never



Dual-lens



4K Color Image



Vari-focal

Highlights

Dual Lens

- Dual-lens Design: Collects wider light spectrum, visible color information (RGB Lens) and lightness information (Mono Lens)
- Dual Light Fusion: Integrates the light sources of different waves, and minimizes light pollution
- High Precision AA Process: Maintains clear details through pixel-level frame-by-frame mapping



4K Color Image

- Ultra HD Full-color night vision
- Equipped with 1/1.2" image sensor that increases the pixel size by 110% compared with 1/1.8" image sensor
- Realizes ultra-low illumination and real-time 4K color image

Vari-focal

- 2.7mm-12mm lens, multi-scenario application
- Motorized vari-focal lens with about 5x optical zoom and auto focus function, providing more convenient operation and saving time and labor costs



AI Function (Full-color + SMD 3.0)



Reduced False Alarms

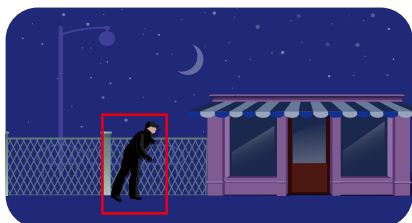
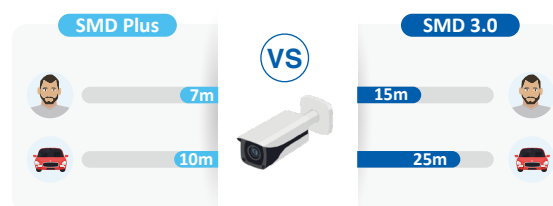
Through the upgrading of its AI capabilities, false alarms caused by animals, leaves, and lights, etc. are significantly reduced.

< 1% False alarm rate

Longer Detection Distance

By constantly improving its AI capabilities, the detection range of the same device has increased by as much as 80%.

25m Detection distance
(2.8mm fixed-focal camera)



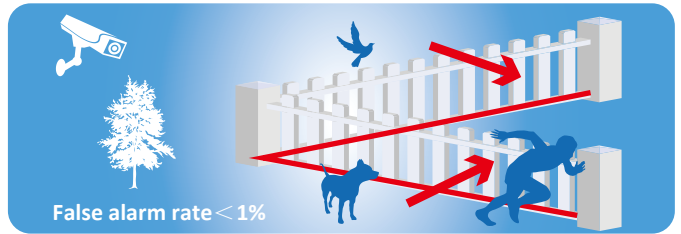
Higher Detection Accuracy

Through the upgrade of its AI capabilities, the maximum detection accuracy for human and vehicle can reach up to 99%.

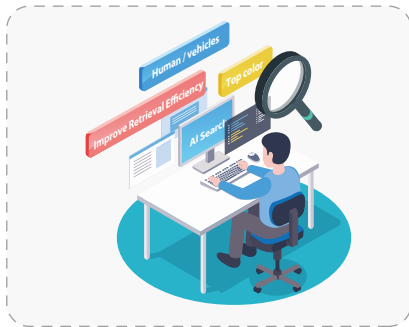
99% Detection accuracy rate
(Human & Vehicle)

AI Function (Full-color + IVS)

The perimeter protection (based on tripwire and area intrusion) sends an alarm only when irregular movements triggered by human or vehicle occur, saving users from doing unnecessary actions caused by false alarms.



AI Function (Full-color + AI Search)



AI Search

- Can be achieved through integration with recorder
- Human / vehicles / non-motor vehicles color
- Top color & bottom color / car color & plate color

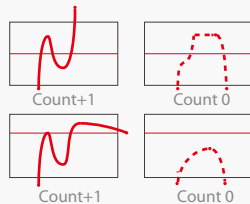
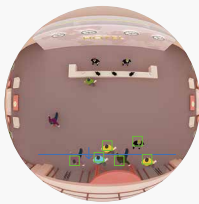
Improve Retrieval Efficiency

- Improves efficiency to reduce labor cost

AI Function (Full-color + People Counting)

People Counting can track and process moving human body targets and realize accurate statistics of people entering, leaving and currently within the monitored area. This intelligent function offers customers with valuable data for business report analysis, providing statistics with up to 98% counting accuracy.

People Counting for Line Crossing



Report export

Dahua People Counting can obtain in-depth information, filter hovering and provide report with high accuracy.

People Counting in Area



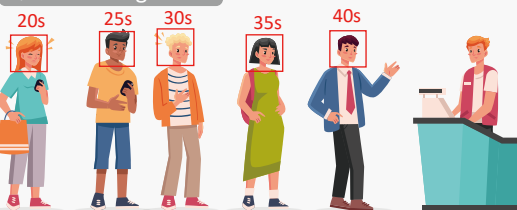
Area 1: 3
Area 2: 2
Area 3: 1
Area 4: 6



Threshold per area: 5

It supports independent detection of up to 4 areas, and detects the changes in the number of people in every area in real time.

Queue Management



Threshold per area: 5

Waiting time threshold: 30s

Dahua Queue Management supports two types of alarms: number of people and waiting time.

Time Sharing Monitoring

Users can switch to different AI functions according to their needs.

Application Scenarios



Villa



Parking Lot



Factory



Market

Recommend Products

IP Camera



Full-color Dual-lens Eyeball Camera DH-IPC-HDW5449H-ASE-D2

- Resolution: 4MP
- Focal Length: 2.8/3.6/6mm
- Max. Aperture: F1.0
- AI: Perimeter Protection, SMD 3.0



Full-color 4K Bullet Camera DH-IPC-HFW5849T1-ASE-LED

- Resolution: 8MP
- Focal Length : 2.8/3.6/6mm
- Max. Aperture: F1.0
- AI: People Counting, Perimeter Protection, SMD 3.0



Full-color Vari-focal Bullet Camera DH-IPC-HFW5449T1-ZE-LED

- Resolution: 4MP
- Focal Length: 2.7 mm–12 mm
- Max. Aperture: F1.0
- AI: People Counting, Perimeter Protection, SMD 3.0

Compatible NVR



NVR4000-4KS2/L Series

- Up to 32 channels IP video access
- Smart H.265/H.265/Smart H.264/H.264/MJPEG
- Up to 2 10TB HDD
- Up to 16 Channels Perimeter Protection



NVR5000-4KS2 Series

- Up to 64 channels IP video access
- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Up to 8 10TB HDD
- Up to 20 Channels Perimeter Protection

* Design and specifications are subject to change without notice.

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