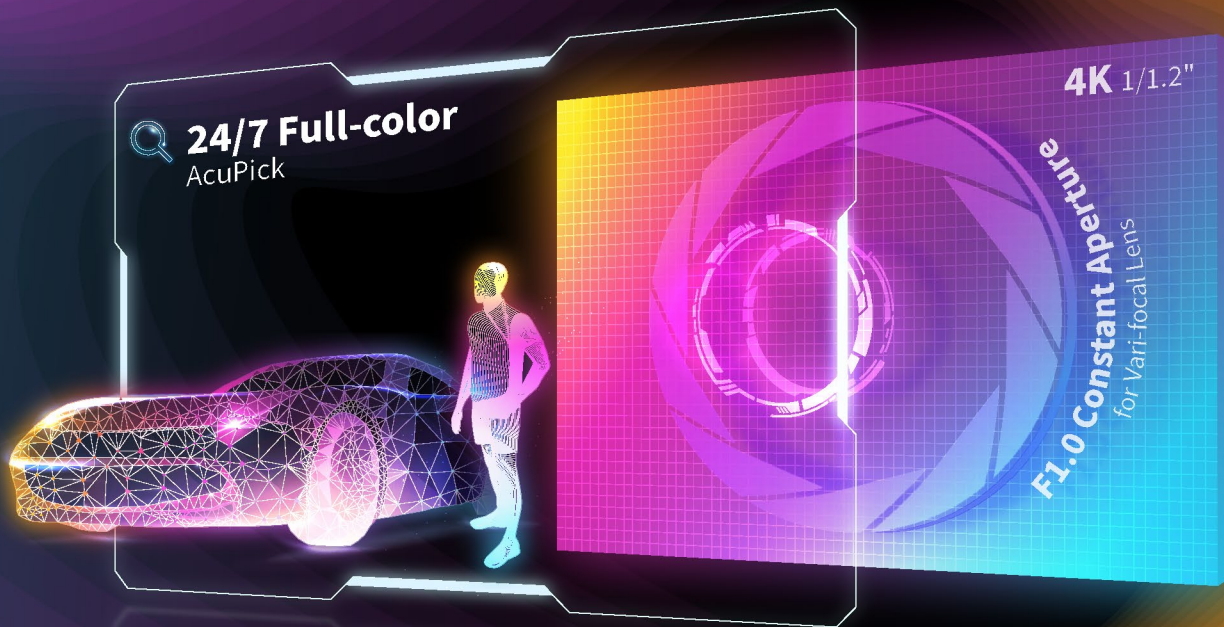


Full-Color ACUPICK



IPC WIZMIND FULL-COLOR SERIES

Locate and Discover with Vivid Colors



24/7 Full-color AcuPick



4K Color Image



F1.0 Constant Aperture



Dual Mic & Speaker

IPC WIZMIND FULL-COLOR SERIES

Locate and Discover with Vivid Colors

Overview

The new IPC WizMind 5 Series Full-color cameras are equipped with improved software and hardware. The Full-color technology features AcuPick that provides high-quality color images for accurate target search even under low light environments. The Full-color 4K camera captures bright and clear images at night. The vari-focal models have F1.0 constant aperture for maximum light input. These upgrades provide a better visual experience in various application scenarios.

Full-color Key Technology

24/7 Full-color AcuPick

- Full-color cameras enhance 24/7 color details in night time.
- Comparison similarity for AcuPick has increased about 10% compared to IR camera at night.



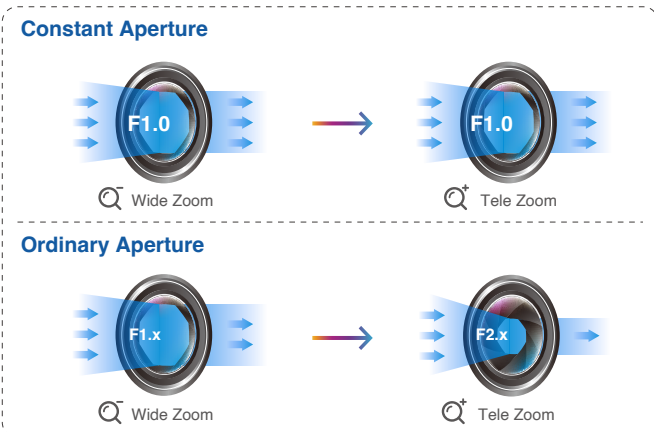
4K Color Image

- It utilizes a 1/1.2" image sensor, providing 110% increase in pixel size.
- Available in 4K cameras.



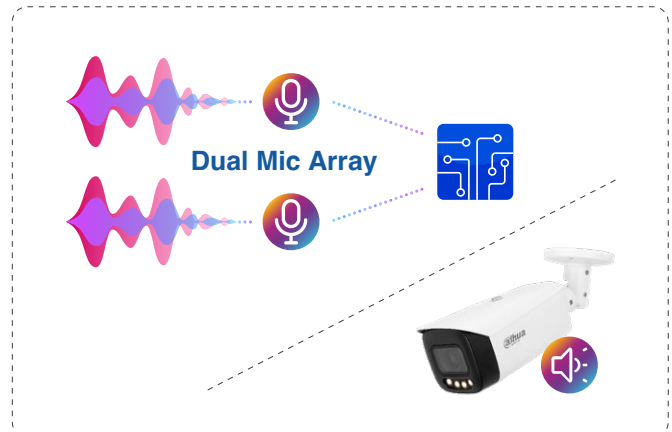
F1.0 Constant Aperture

- It can maintain a constant aperture and maximum light input during the zooming process.
- 4 times greater in light input compared to ordinary aperture in tele zoom.
- Available in 4MP vari-focal cameras.



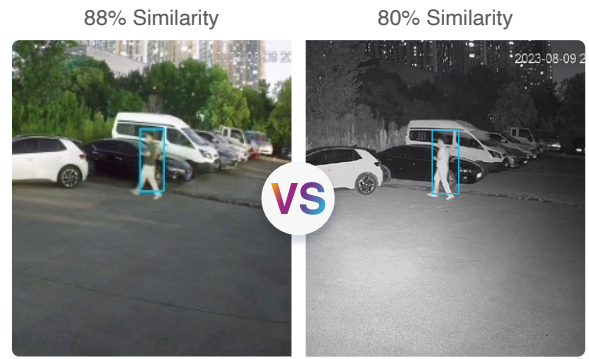
Dual Mic and Speaker

- The built-in dual mic array enhances the sound pickup distance and quality.
- The built-in speaker supports alarm linkage.
- Available in vari-focal cameras and 4K bullet cameras.



24/7 Full-color AcuPick

- The new Full-color (S2) models provide improved clarity and details, particularly at night.
- 24/7 Full-color for AcuPick ensures accurate and quick search of targets.



4K 1/1.2" CMOS sensor

4K 1/1.8" CMOS sensor



4K Color Image

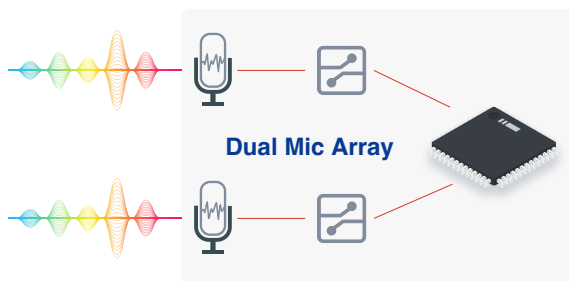
- In night time, the 4K 1/1.2" CMOS sensor camera captures enhanced details and colors, presenting brighter and more vibrant images.
- The camera can receive up to twice the maximum light energy compared to ordinary 4K cameras, which helps produce 4K real-time color images under ultra-low illumination.

F1.0 Constant Aperture

- F1.0 constant aperture provides images that present more brightness, less noise and improved sharpness.
- Details of targets can be clearly captured (e.g. the contour of people is much easier to identify), providing significantly better image quality.

F1.0 Constant Aperture
Effect at Tele Zoom

Ordinary Aperture
Effect at Tele Zoom



Less noise Longer pickup distance

Dual Mic & Speaker

- The self-developed noise reduction algorithm with high-performance SOC can effectively realize noise reduction.
- For 80dB single sound source, the max pickup distance is 80m (under lab condition).
- The speaker supports alarm linkage and customized audio uploading.

IPC WIZMIND FULL-COLOR SERIES

Locate and Discover with Vivid Colors

Solutions and Products

4MP Vari-focal



IPC-HFW5449T1-ZE-LED

- 1/1.8" CMOS sensor
- F1.0 Constant Aperture



IPC-HDW5449H-ZE-LED

- 1/1.8" CMOS sensor
- F1.0 Constant Aperture

4MP Fixed-focal



IPC-HFW5449T-ASE-LED

- 1/1.8" CMOS sensor
- F1.0 Aperture



IPC-HFW5449E-SE-LED

- 1/1.8" CMOS sensor
- F1.0 Aperture



IPC-HDBW5449R-ASE-LED

- 1/1.8" CMOS sensor
- F1.0 Aperture



IPC-HDW5449TM-SE-LED

- 1/1.8" CMOS sensor
- F1.0 Aperture

8MP Fixed-focal



IPC-HFW5849T1-ASE-LED

- 1/1.2" CMOS sensor
- F1.0 Aperture



IPC-HDW5849H-ASE-LED

- 1/1.2" CMOS sensor
- F1.0 Aperture

Application Scenarios



Stadium



Campus



Residential Area



Luxury Shop

*Design and specifications are subject to change without notice.

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