

# WIZCOLOR

AS BRIGHT AS DAYLIGHT

Comprehensive coverage of nighttime scenes, delivering  
an all-around visual experience even in dark environment.



4K



PT



Vari-focal



HDCVI



4G

# What is WizColor?

The Dahua WizColor Technology seamlessly integrates powerful AI-ISP, large pixel size sensor, and large aperture in cameras, enabling vibrant, high-quality nighttime images while preserving details and minimizing image blur. On this foundation, this technology expands its capabilities with five innovative themes: WizColor + 4K, WizColor +PT, WizColor + Vari-focal, WizColor + HDCVI, and WizColor + 4G. These advancements cater to a wider range of scenarios, delivering enhanced performance and an elevated user experience.

## WizColor + 4K

[4K] *Brilliant Nights, Clear Details*

Combined with 4K resolution, WizColor ensures that all elements remain sharp and well-defined when enlarged, preserving fine details while enhancing both visual quality and viewer engagement.



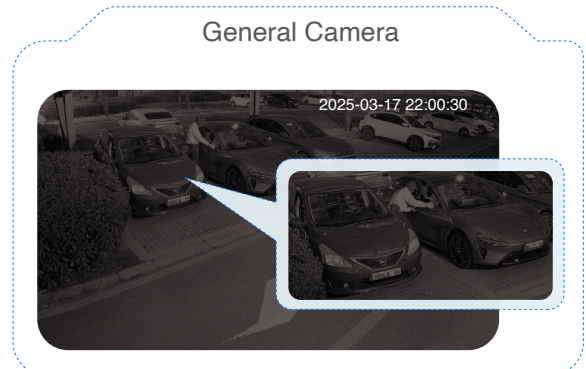
Ultra image reproduction with enhanced detail preservation.



Superior nighttime clarity with minimized noise and blur.



AI-ISP powered optimization for vibrant, natural colors.



# WizColor + PT

 *No Blind Spots at Night*

The PT camera, equipped with WizColor, ensures all-round security. Its multi-directional monitoring and flexible PT adjustments make it ideal for versatile SMB surveillance needs.



Offering 360° all-around surveillance with exceptional clarity in night vision images.



Boasting flexible application scenarios, whether it's night or day.



## WizColor Camera



## General Camera



# WizColor + Vari-focal



*See Farther at Night*

The WizColor + Vari-focal technology enables clear visibility of distant details even in low light darkness, effectively solving the problem of blurry image details of general cameras at night.



Clear details at night.



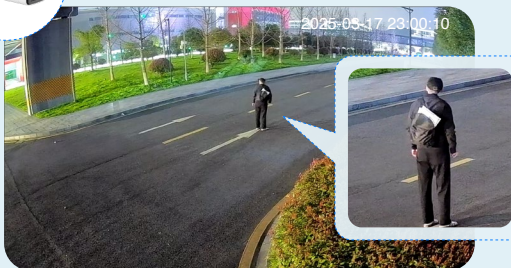
Balancing panoramic view and details.



Adjust the focal length to cover multiple areas.



## WizColor Camera



## General Camera





# WizColor + HDCVI

HDCVI

*See Beyond the Night, Powered by HDCVI*

The HDCVI and WizColor integration enables long-distance HD video transmission over a wide range of application scenarios at a friendly cost, which offers users significant benefits in surveillance and video monitoring systems.



Enhanced colors and low-light performance.



User-centric usability and design-centric appeal.



Better pickup effect and sound quality.



WizColor Camera



General Camera



# WizColor + 4G



*4G Connected. Unlimited Runtime, Day & Night*

For 4G battery-powered cameras, the activation of night fill lights is notably wasteful of energy. WizColor eliminates the duration of nighttime illumination, thereby extending the device's operational longevity and fostering a more environmentally conscious approach.



Enhanced 4G battery camera endurance.



User-centric usability and design-centric appeal.



Reduced mosquito interference in outdoor scenes.



WizColor Camera



General Camera



## | APPLICATION SCENARIOS



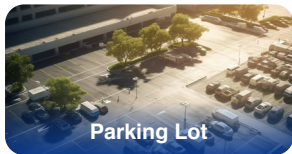
Factory



Plantation



Farm



Parking Lot



Fish Pond



Courtyard

## I PRODUCT SELECTION

### WIZCOLOR + 4K

Released

**IPC-HFW2849TL-S-PRO**  
**IPC-HDW2849T-S-PRO**  
**IPC-HFW2849M-S-B-PRO**

8MP  
F1.0, 1/1.8" Sensor,  
Built-in Mic  
SMD Plus, Perimeter Protection  
IP67



Released

**IPC-HFW3849T1-AS-PV-PRO**  
**IPC-HDW3849H-AS-PV-PRO**

8MP  
F1.0, 1/1.8" Sensor  
SMD 4.0  
Active Deterrence  
Built-in Dual Mic & Speaker  
One-tap Arming/Disarming  
AcuPick



### WIZCOLOR + PT

Released

**SD2C400NA-GNY-B-PV-S2-PRO**

4MP  
F1.0, 1/1.8" Sensor  
Perimeter Protection  
SMD 3.0  
Auto-tracking (Lite)  
Tour  
Built-in Mic & Speaker



2025.Q2

**IPC-PT2x49B2-S-PV-PRO**

2/4/8MP, Metal Housing  
F1.0, 1/1.8" Sensor  
Perimeter Protection  
SMD Plus  
Auto-tracking (Lite)  
Tour  
Built-in Mic & Speaker



Released

**IPC-PTS2249B-E2-S-PV-PRO**

2+2MP  
F1.0, 1/2.9" Sensor  
Perimeter Protection  
SMD Plus  
Active Deterrence  
Built-in Mic & Speaker



2025.Q3

**IPC-PT3x49C1-AS-PV-PRO**

4/6/8 MP  
F1.0, 1/1.8" sensor  
Perimeter Protection  
SMD 4.0, AcuPick  
AI SSA  
Tour  
Auto-tracking (Lite)  
Built-in Mic & Speaker



### WIZCOLOR + Vari-focal

2025.Q3

**IPC-PTS2449C-4E3Z-S-PV-PRO**

4MP+2MP  
F1.0, 1/1.8" Sensor  
6x Hybrid Zoom  
Perimeter Protection  
SMD 3.0  
Built-in Mic & Speaker  
Auto-tracking (Lite)  
SMD Plus  
One-tap Arming/Disarming



2025.Q2

**IPC-HFW3x49T1-ZAS-PV-PRO**  
**IPC-HDW3x49H-ZAS-PV-PRO**

x: 4/6/8MP

4/6/8MP  
F1.0, 1/1.8" Sensor  
SMD 4.0  
Active Deterrence  
Built-in Dual Mic & Speaker  
One-tap Arming/Disarming  
AcuPick



## WIZCOLOR + Vari-focal

2025.Q2

**IPC-HXW5x49-ASE-PV-PRO**  
**IPC-HXW5x49-Z(H)E-PV-PRO**

Bullet/Dome/Eyeball

4/6/8 MP  
F1.0/F1.2, 1/1.8" Sensor  
Smart Dual Light  
Active Deterrence  
AI Based on Large Model  
Long Distance Perimeter Protection  
Comprehensive Smart Object Detection  
Acupick2.0  
People Counting  
Video Metadata



## WIZCOLOR + HDCVI

2025.04

**HAC-HFW1249X-A-PRO**  
**HAC-HDW1249X-A-PRO**  
**HAC-HFW1249X-IL-A-PRO**  
**HAC-HDW1249X-IL-A-PRO**

2MP  
F1.0, 1/2.9" Sensor  
LDC  
Bulit-in Dual Mic  
DIP Switch  
Quick-to Install  
SMD Plus & Perimeter Protection (By XVR)



## WIZCOLOR + 4G

Released

**P4F-PV-4G**  
**IPC-PT2449C1-ST4G-PV**

4MP  
F1.0, 1/1.8" Sensor  
4G Connection  
One Camera for 360° View  
Two-way Talk  
Auto Tracking  
IP66



Released

**IPC-PTS2649C-3E3Z-4GB20**

3MP+3MP  
F1.0, 1/1.8" Sensor  
4G Connection  
AI Precise Detection with Quick Wake Up  
White Warning Light  
Two-way Talk  
Sound & Light Alarm  
IP66



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