

WIZCOLOR

A S B R I G H T A S D A Y L I G H T



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.

Wiz Color + 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.



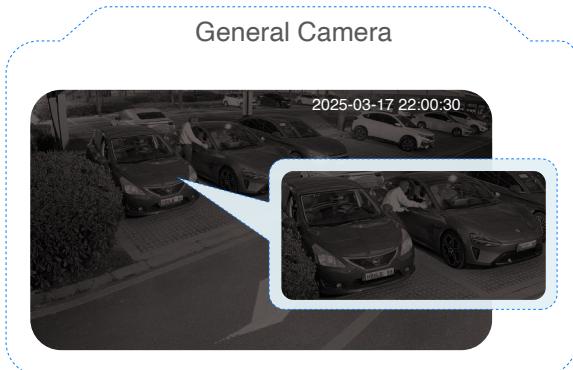
Ultra image reproduction with enhanced detail preservation.



Superior nighttime clarity with minimized noise and blur.



AI-ISP powered optimization for vibrant, natural colors.



Wiz Color + PT

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



Wiz Color + Vari-focal



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.



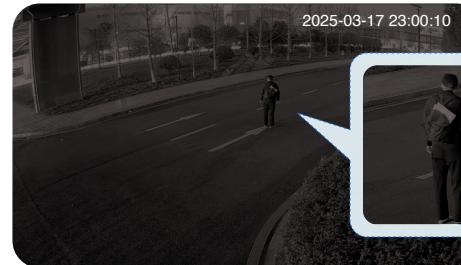
Adjust the focal length to cover multiple areas.



WizColor Camera



General Camera



Wiz Color + 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



Wiz Color + 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

TIOC PRO



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

TIOC PRO



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
Built-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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