

NET CAMERA 4MP EYEBALL/HDW2449T-ZS-IL-27135-B DAHUA

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Model: IPC-HDW2449T-ZS-IL-27135-BLACK

Manufacturer: DAHUA

EAN: 6939554924460

Product Code: 406221

R7,619

Launched by Dahua Technology, WizSense is a series of AI products and solutions that adopt independent AI chip and deep learning algorithm. It focuses on human and vehicle with high accuracy, enabling users to fast act on defined targets. Based on Dahua's advanced technologies, WizSense provides intelligent, simple and inclusive products and solutions.

With advanced deep learning algorithm, Dahua WizSense 2 Series network camera supports intelligent functions, such as perimeter protection and smart motion detection. With starlight technology, this series camera provides a better image effect in the condition of low illuminance.

Smart Dual Light

Dahua Smart Dual Light technology adopts smart algorithm to detect targets. Usually, the IR

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illuminator is on at night; when the target appears in the monitoring area, the white light is on, and the camera records the full-color video and information of key events. That is, the camera links snapshot and video with full-color image. When the target is out of the monitoring area, the white light is off and the IR illuminator is on, which reduces light pollution efficiently.

SMD Plus

With intelligent algorithm, Dahua Smart Motion Detection technology can categorize the targets that trigger motion detection and filter the motion detection alarm triggered by non-concerned targets to realize effective and accurate alarm.

Perimeter Protection

With deep learning algorithm, Dahua Perimeter Protection technology can recognize human and vehicle accurately. In restricted area (such as pedestrian area and vehicle area), the false alarms of intelligent detection based on target type (such as tripwire, intrusion, fast moving, parking detection, loitering detection and gathering detection) are largely reduced.

Smart H.265+ & Smart H.264+

With advanced scene-adaptive rate control algorithm, Dahua smart encoding technology realizes the higher encoding efficiency than H.265 and H.264, provides high-quality video, and reduces the cost of storage and transmission.

Full-color

With high-performance sensor and large aperture lens, Dahua Fullcolor technology can display clear colorful image in the environment of ultra-low illuminance. With this photosensitivity technology, the camera can capture more available light, and display more colorful image details.

Protection (IP67, Wide Voltage)

IP67: The camera passes a series of strict test on dust and soak. It has dust-proof function, and the enclosure can work normally after soaking in 1 m deep water for 30 minutes. Wide voltage: The camera allows $\pm 30\%$ (for some power supplies) input voltage tolerance (wide voltage range), and it is widely applied to outdoor environment with instable voltage.

- 4-MP 1/2.9" CMOS image sensor, low luminance, and high definition image.

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- Outputs max. 4 MP (2688 × 1520)@20 fps, and supports 2560 × 1440 (2560 × 1440)@25/30 fps.
- H.265 codec, high compression rate, ultra-low bit rate.
- Built-in multi-core light, the max. IR distance is 40 m and the max. warm light distance is 40 m.
- ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments.
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes.
- Intelligent monitoring: Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human).
- Abnormality detection: Motion detection, video tampering, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, and voltage detection.
- Supports max. 256 G Micro SD card; built in Mic.
- 12 VDC/PoE power supply, easy for installation.
- IP67 protection.
- SMD Plus.

Summary: Dahua Technology WizSense 4MP Smart Dual Light Vari-focal Eyeball Network Camera.

Type: IP security camera, Placement supported: Indoor & outdoor, Connectivity technology: Wired.

Mounting type: Ceiling/Wall/Pole, Product colour: Black, Form factor: Dome. Angle of rotation: 360°,

Lens viewing angle, horizontal: 97 - 28°, Lens viewing angle, vertical: 52 - 16°. Sensor type: CMOS,

Optical sensor size: 25.4 / 2.9 mm (1 / 2.9"). Focal length range: 2.7 - 13.5 mm, Focus: Motorized,

Detect distance (wide): 64 m | Vendor Homepage:

[https://www.dahuasecurity.com/mena/products/All-Products/Network-Cameras/WizSense-2-](https://www.dahuasecurity.com/mena/products/All-Products/Network-Cameras/WizSense-2-Series/Smart-Dual-Light/IPC-HDW2449T-ZS-IL)

[Series/Smart-Dual-Light/IPC-HDW2449T-ZS-IL](https://www.dahuasecurity.com/mena/products/All-Products/Network-Cameras/WizSense-2-Series/Smart-Dual-Light/IPC-HDW2449T-ZS-IL) | Form factor: Dome | Mounting type: Ceiling/Wall/Pole

| Product colour: Black | Housing material: Metal | International Protection (IP) code: IP67 | Type: IP

security camera | Connectivity technology: Wired | Placement supported: Indoor & outdoor | Wide

Dynamic Range (WDR): Yes | Day/night mode: Yes | Dynamic range: 120 | Certification: CE-LVD:

EN62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU | Camera pan control: Yes |

Camera tilt control: Yes | Minimum illumination: 0 | Angle of rotation: 360 | Lens viewing angle,

horizontal: 97 - 28 | Lens viewing angle, vertical: 52 - 16 | Lens viewing angle, diagonal: 117 - 32 |

Tilt angle range: 0 - 78 | Pan range: 0 - 360 | White balance: Auto/Manual/Natural/Outdoor/Regional

custom/Street lamp | Camera shutter type: Electronic/Mechanical | Camera shutter speed: 1/3 -

1/100000 | Number of Privacy masking areas: 4 | Optical sensor size: 1/2.9 | Progressive scan: Yes |

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Sensor type: CMOS | Number of lenses: 1 | Focal length range: 2.7 - 13.5 | Focus: Motorized | Maximum aperture number: 1.5 | Closest focusing distance: 0.8 | Detect distance (tele): 210 | Detect distance (wide): 64 | Identify distance (tele): 21 | Identify distance (wide): 6.4 | Observe distance (tele): 84 | Observe distance (wide): 25.6 | Recognize distance (tele): 42 | Recognize distance (wide): 12.8 | Night vision: Yes | Night vision distance: 40 | LED type: IR/White | Number of illumination LEDs: 4 | Maximum resolution: 2688 x 1520 | Total megapixels: 4 | Video compression formats: H.264/H.264+/H.264B/H.264H/H.265/H.265+/M-JPEG | Supported graphics resolutions: 2560 x 1440/2688 x 1520 | Supported video modes: 1440p/1520p | Frame rate: 30 | Video streaming: Yes | Noise reduction: Yes | Noise reduction technology: 3D noise reduction | Gain control type: Auto/Manual | Back Light Compensation (BLC): Yes | Bit rate: H.264: 32 kbps-6144 kbps / H.265: 12 kbps-6144 kbps | Bit rate control: Constant Bit Rate (CBR)/Variable Bit Rate (VBR) | Highlight Compensation (HLC): Yes | Region of Interest (ROI) encoding: Yes | Audio codecs: G.711a; G.711Mu; G.726; PCM | Signal-to-Noise Ratio (SNR): 56 | Built-in microphone: Yes | Ethernet LAN: Yes | Ethernet interface type: Fast Ethernet | Networking standards: IEEE 802.3af | Supported network protocols: IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; NTP; Multicast; ICMP; IGMP; P2P | Wi-Fi: No | Bluetooth: No | Cabling technology: 10/100Base-T(X) | Client interoperability: ONVIF (Profile S & Profile T & Profile G); CGI | Built-in HDD: No | Card reader integrated: Yes | Compatible memory cards: MicroSD (TransFlash) | Maximum memory card size: 256 | ROM capacity: 128 | RAM capacity: 128 | Ethernet LAN (RJ-45) ports: 1 | Intelligent Video Surveillance (IVS) system features: Intrusion/Tripwire | Mirror: Yes | Privacy protection: Yes | Video motion detection: Yes | Web browser: Yes | Management software: Smart PSS Lite; DSS; DMSS; DoLink Care | Power source type: DC,PoE | Power consumption (typical): 2.3 | Power consumption (max): 7.8 | Power consumption (Power over Ethernet (PoE)): 2.8 | DC output voltage: 12 | Operating temperature (T-T): -30 - 60 | Storage temperature (T-T): -30 - 60 | Operating relative humidity (H-H): 0 - 95 | Storage relative humidity (H-H): 0 - 95 | Mobile operating systems supported: Android/iOS | Height: 108.3 | Diameter: 122 | Weight: 690 | Package weight: 860 | Number of cameras: 1 | Data transfer rate: 100 | Iris: Yes | Unit Calculated Weight: 0.923 | Product Net Weight: 0.69 | Unit Calculated Volume: 0.00402 | Units per Shipping Box: 20 | Unit Width: 15.5 | Units per Pallet: 0 | Shipping Box Height: 30 | Unit Depth: 15.5 | Unit Height: 13.5 | Name: NET CAMERA 4MP EYEBALL/HDW2449T-ZS-IL-27135-B DAHUA

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