

NET CAMERA 8MP EYEBALL/HDW5859TM-ASE-IL-0280BB DAHUA



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Model: IPC-HDW5859TM-ASE-IL-0280B-BLACK

Manufacturer: DAHUA

EAN: 6937552408470

Product Code: 406027

R11,697

DH-IPC-HDW5859TM-ASE-IL

Launched by Dahua Technology, Dahua WizMind is a full portfolio of solutions composed of project-oriented products including IPC, IVSS, NVR, PTZ, XVR, Thermal and software platform which adopts industry-leading deep learning algorithms. Focusing on customer's requirements, WizMind provides precise, reliable and comprehensive AI solutions for verticals.

Series Overview

With its deep learning algorithms, the WizMind 5 Series camera offers advanced analytical capabilities for both audio and video. It integrates intelligent features such as video metadata,

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AcuPick, face detection, perimeter protection, and people counting. Powered by the Xinghan Large-Scale AI Models-Vision, the camera excels in object detection, recognition, and scene adaptation. Equipped with AI-ISP imaging technology, it offers enhanced night vision performance. The series is designed for durability, being dust-proof, waterproof, and vandal-proof, in compliance with IP67 and IK10 standards, though support for these certifications may vary across models.

Xinghan Large-Scale AI Models-Vision

Xinghan Large-Scale AI Models-Vision seamlessly expands the storage and operational capacity of algorithmic models through the powerful integration of edge AI model algorithms and NPU computing power. Engineered with a lightweight transformer architecture and enhanced by model distillation and quantization techniques, it optimizes the computing power consumption of ViT operators. This enables the system to collaborate on multiple tasks simultaneously through joint inference between small and large models optimized for edge devices.

Self-Learning

Empowered by deep learning technology, the device recognizes different types of targets and their statuses through learning and analyzing target features to detect targets and filter out false alarms.

Smart Dual Light

Dahua Smart Dual Light technology adopts smart algorithm to detect targets. Usually, the IR illuminator is on at night; when the target appears in the monitoring area, the white light is on, and the camera records the fullcolor 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.

AcuPick

This industry-leading search technology effectively utilizes both front-end and back-end intelligence to help with searching through massive video data to quickly and conveniently locate targets with greater precision.

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Protection (IP67, Wide Voltage)

IP67: The camera passes a series of strict test on dust and soak. It has dustproof 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.

Summary: Dahua Technology IPC-HDW5859TM-ASE-IL. Type: IP security camera, Placement supported: Outdoor, Connectivity technology: Wired. Mounting type: Ceiling/Wall/Pole, Product colour: Black, Form factor: Turret. Minimum illumination: 0.0004 lx, Angle of rotation: 360°, Lens viewing angle, horizontal: 110°. Sensor type: CMOS, Optical sensor size: 25.4 / 1.8 mm (1 / 1.8"). Detect distance: 89.2 m, Observe distance: 35.7 m, Recognize distance: 17.8 m | Vendor Homepage: <https://www.dahuasecurity.com/ceen/products/All-Products/Network-Cameras/WizMind-5-Series/Smart-Dual-Light/8MP/IPC-HDW5859TM-ASE-IL> | Form factor: Turret | Housing material: Metal | IK code: IK10 | International Protection (IP) code: IP67 | Mounting type: Ceiling/Wall/Pole | Product colour: Black | Protection features: Vandal proof | Alarm input/output: Yes | Built-in light: Yes | Connectivity technology: Wired | Day/night mode: Yes | Dynamic range: 130 | People counting function: Yes | Placement supported: Outdoor | PTZ control: Yes | Type: IP security camera | Wide Dynamic Range (WDR): Yes | Angle of rotation: 360 | Camera pan control: Yes | Camera shutter speed: 1/3 - 1/100000 | Camera tilt control: Yes | Lens viewing angle, diagonal: 134 | Lens viewing angle, horizontal: 110 | Lens viewing angle, vertical: 56 | Minimum illumination: 0.0004 | Pan range: 0 - 360 | Tilt angle range: 0 - 78 | White balance: Auto/Manual/Natural/Outdoor/Regional custom/Street lamp | Number of sensors: 1 | Optical sensor size: 1/1.8 | Progressive scan: Yes | Sensor type: CMOS | Closest focusing distance: 2.1 | Detect distance: 89.2 | Fixed focal length: 2.8 | Identify distance: 8.9 | Maximum aperture number: 1 | Observe distance: 35.7 | Recognize distance: 17.8 | LED type: IR | Night vision: Yes | Night vision distance: 50 | Number of illumination LEDs: 4 | Back Light Compensation (BLC): Yes | Bit rate control: Variable Bit Rate (VBR), Constant Bit Rate (CBR) | Frame rate: 30 | Gain control type: Auto/Manual | Highlight Compensation (HLC): Yes | Maximum resolution: 3840 x 2160 | Noise reduction: Yes | Noise reduction technology: 3D noise reduction | Region of Interest (ROI) encoding: Yes | Smart IR: Yes | Supported graphics resolutions: 1280 x 720 (HD 720)/1280 x 960/1920 x 1080 (HD 1080)/2048 x 1536 (QXGA)/2304 x 1296/2560 x 1440/2688 x 1520/3072 x 2048/352 x 240/352 x 288/640 x 480 (VGA)/704 x 480/704 x 576 | Supported video modes: 1080p/720p | Total megapixels: 8 | Video compression formats: H.264/H.264B/H.264H/H.265/M-JPEG | Video recording: Yes | Video streaming: Yes | Audio formats

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supported: G.711 μ -law/G.711 A-law/G.723/G.726/PCM | Built-in microphone: Yes | Number of microphones: 2 | Signal-to-Noise Ratio (SNR): 56 | Bluetooth: No | Ethernet interface type: Fast Ethernet | Ethernet LAN: Yes | Networking standards: IEEE 802.1x/IEEE 802.3at | Number of users: 20 | Quality of Service (QoS) support: Yes | Streaming method: Multicast | Supported network protocols: IPv4, IPv6, HTTP, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, ICMP, IGMP, NFS, SAMBA, PPPoE, SNMP, P2P | Wi-Fi: No | Built-in HDD: No | Card reader integrated: Yes | Compatible memory cards: MicroSD (TransFlash) | Maximum memory card size: 1000 | RAM capacity: 2048 | ROM capacity: 4096 | DC-in jack: Yes | Ethernet LAN (RJ-45) ports: 1 | Alarm input channels: 1 | Alarm output channels: 1 | Digital watermark: Yes | HTTPS encryption: Yes | Human and vehicle targets classification: Yes | Intelligent Video Surveillance (IVS) system features: Intrusion/People counting/Tripwire | Mirror: Yes | Network access storage (NAS): Yes | Video motion detection: Yes | DC output voltage: 12 | Power consumption (max): 13.3 | Power consumption (Power over Ethernet (PoE)): 15.6 | Power consumption (typical): 4.2 | Power source type: DC,PoE | Operating temperature (T-T): -40 - 60 | Storage temperature (T-T): -40 - 60 | Mobile operating systems supported: Android/iOS | Depth: 122 | Height: 105.5 | Weight: 530 | Width: 122 | Package weight: 710 | Manual: Yes | Number of cameras: 1 | Product Net Weight: 0.53 | Shipping Box Height: 13.5 | Unit Calculated Volume: 0.002835 | Unit Calculated Weight: 0.77 | Units per Pallet: 0 | Units per Shipping Box: 1

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