

DAHUA- Camera DH-IPC-EBW81242-AS-S2



DESCRIPTION

Launched by Dahua Technology, Dahua WizMind is a full portfolio of solutions composed of project-oriented products including IPC, 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 fisheye lens, Dahua Fisheye series camera can realize 360° surveillance, and it is widely applied in various scenes such as airports, shopping centers, banks and hotels.

Functions

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.

Fisheye VR

With intelligent algorithm, Dahua Fisheye VR technology provides interactive 3-dimensional dynamic view through fisheye image. Dahua fisheye VR supports various interactive modes, such as original, bowl, cylinder and asteroid, providing more interactive experience.

People Counting

With advanced stereo image technology and deep learning algorithm, Dahua In Area No. technology recognizes human targets accurately to count people in area in real-time. You can set people quantity threshold, when the number larger or smaller than the threshold, it triggers linkage. It is applicable in the scene that has limit on people quantity.

Queue Management

With advanced image processing technology and deep learning algorithm, Dahua Queue Management technology counts people quantity in selected area in real time to realize queue management. It

supports multiple polygon areas. When No. in area/strand time is not smaller or not larger than the threshold, it triggers alarm.

Heat Map

With deep learning algorithm, Dahua People Counting technology can track and process moving human body targets to realize the accurate statistics of enter No., leave No., and In Area No. Working with management platform, it outputs reports to meet your requirements.

Protection (IP67, IK10, Wide Voltage)

IP67: The camera passes a series of strict test on dust and soak. It has dust-proof function, and the enclosure can works normal after soaking in 1 m deep water for 30 minutes.

IK10: The enclosure can stand the punch more than 5 times from a 5 kg hammer falling from a height of 40 cm (Impact energy is 20J).

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.

Cyber Security

Dahua network cameras employ a series of security technologies, including security authentication and authorization, access control protocols, trusted protection, encrypted transmission and encrypted storage. These technologies improve the camera's defense against external cyber threats and prev

TECHNICAL CHARACTERISTICS

Brand : DAHUA TECHNOLOGY
Part number : DH-IPC-EBW81242-AS-S2
Représentation / réalisation :
Type : IP security camera
Réseau :
Bluetooth : N
Adjustment shutter speed : Auto/Manual
Alarm input channels : 2
Alarm input/output : Y
Alarm output channels : 2
Audio codecs : PCM; G.711A; G.711Mu; G.726; G.723
Audio detection : Y
Audio formats supported : G.711, G.723, G.726, PCM
Audio input channels : 1
Audio output channels : 2 channels
Audio system : 1-way
Auto-tracking : Y
Back Light Compensation (BLC) : Y
Built-in HDD : N
Built-in microphone : Y
Camera pan control : N
Camera shutter speed : 1/3 1/100,000
Camera shutter type : Electronic
Camera tilt control : N
Card reader integrated : Y
Closest focusing distance : 0.4 m
Compatible memory cards : MicroSD (TransFlash)
Connectivity technology : Wired

Day/night mode : Y
DC output voltage : 12
Detect distance : 40 m
Diameter : 15 cm
Digest authentication : Y
Digital Wide Dynamic Range (DWDR) : Y
Digital Wide Dynamic Range (DWDR) (panoramic camera) : Y
Dynamic range : 56 dB
Ethernet interface type : Gigabit Ethernet
Ethernet LAN : Y
Ethernet LAN (RJ-45) ports : 1
Field of view (FOV) angle : 185°
Fixed focal length : 1.85 mm
Focal length range : 1.85 mm
Form factor : Spherical
Frame rate : 30 fps
Gain control type : Auto
Highlight Compensation (HLC) : Y
HTTPS encryption : Y
Identify distance : 4 m
IK code : IK10
Intelligent Video Surveillance (IVS) system features : Intrusion, People counting, Tripwire
Internal memory : 4000 MB
International Protection (IP) code : IP67
IP address filtering : Y
LED type : IR
Lens viewing angle, horizontal : 185°
Lens viewing angle, vertical : 180°
Live view : Y
Luminous flux : 0.001 lm
Management software : Smart PSS; DSS; DMSS
Maximum aperture number : 2
Maximum memory card size : 256 GB
Maximum operating distance : 40 m
Maximum resolution : 4000 x 3000 pixels
Mirror : Y
Motion sensor : Y
Mounting type : Ceiling
Night vision : Y
Noise reduction : Y
Noise reduction technology : 3D noise reduction
Number of cameras : 1
Number of illumination LEDs : 3
Number of lenses : 1
Number of simultaneous live view channels : 3 channels
Number of users : 20 user(s)
Observe distance : 16 m
Operating relative humidity (H-H) : 0 - 95%
Operating temperature (T-T) : -40 - 60 °C
Optical sensor size : 25.4 / 1.7 mm (1 / 1.7»)
Package weight : 1.21 kg
People counting function : Y
Placement supported : Outdoor

Power consumption (max) : 13 W
Power consumption (Power over Ethernet (PoE)) : 13.9 W
Power consumption (typical) : 6.5 W
Power source type : DC, PoE
Privacy masking : Y
Product colour : White
Progressive scan : Y
Recognize distance : 8 m
Remote viewing : Y
ROM capacity : 2000 MB
Security algorithms : HTTPS
Sensor type : CMOS
Signal-to-Noise Ratio (SNR) : 56 dB
Smart IR : Y
Storage temperature (T-T) : -30 - 70 °C
Streaming method : Multicast
Supported graphics resolutions : 352 x 240, 352 x 288, 704 x 480, 704 x 576, 1280 x 960, 2048 x 1536 (QXGA), 2880 x 2160, 3280 x 2048, 4000 x 3000
Supported network protocols : IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; SNMP
Sustainability certificates : CE, Federal Communications Commission (FCC)
Total megapixels : 12 MP
User access level : Administrator, Operator, User
Video compression formats : H.264, H.264H, H.265, M-JPEG
Video formats supported : H.264, H