



DESCRIPTION

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 3 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.

Siren And Light Active Deterrence

Dahua siren and light active deterrence network camera supports the light alarm and voice alarm when perimeter event occurs, to realize the deterrence and effective intervention. The camera is built in multiple voices for selection, and supports customized voice importing.

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 warm 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 warm light is off and the IR illuminator is on, which reduces light pollution efficiently.

SMD 4.0

Dahua Smart Motion Detection technology works with intelligent algorithms to classify targets that trigger motion detection alarms. It

filters out objects that are not targets, such as small and large animals, to avoid triggering false alarms. With an AI NVR, Quick Pick technology becomes available, allowing you to easily search for and pick out human and vehicle targets from SMD event videos, prioritizing the highest matches.

One-tap Disarming

Dahua One-tap Disarming function, which is convenient and easy for operation, is the switch for event linkage. Customers can close and recover event linkage through mobile App, which meets multi-scenarios needs.

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 prevent malicious programs from compromising the device.

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 $\pm 30\%$ input voltage tolerance (wide voltage range), and it is widely applied to outdoor environment with instable voltage.

TECHNICAL CHARACTERISTICS

Brand : DAHUA TECHNOLOGY
Part number : DH-IPC-HFW3449T1-AS-PV
Représentation / réalisation :
Type : IP security camera
Réseau :
Bluetooth : No
Certification : CE-LVD: EN 62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; FCC: 47 CFR FCC Part 15, Subpart B; UL/CUL:UL62368-1 & CAN/CSA C22.2 No. 62368-1-14;
Alarm input channels : 1
Alarm input/output : Yes
Alarm output channels : 1
Angle of rotation : 360°
Audio input channels : 1 channels
Audio output channels : 1 channels
Back Light Compensation (BLC) : Yes
Bit rate control : Constant Bit Rate (CBR)/Variable Bit Rate (VBR)
Bit rate range : 12 - 8192 Kbit/s
Browser supported : IE: IE8/9/11 Chrome Firefox
Built-in HDD : No
Built-in microphone : Yes
Built-in speaker(s) : Yes
Camera shutter speed : 1/3 - 1/100000 s
Card reader integrated : Yes

Client interoperability : ONVIF (Profile S;Profile G;Profile T); CGI
Compatible memory cards : MicroSD (TransFlash)
Connectivity technology : Wired
Day/night mode : Yes
DC output voltage : 12
Depth : 288.4 mm
Detect distance : 66 m
Dynamic range : 120 dB
Ethernet interface type : Fast Ethernet
Ethernet LAN : Yes
Ethernet LAN (RJ-45) ports : 1
Focal length range : 2.8 mm
Form factor : Bullet
Frame rate : 30 fps
Gain control type : Auto/Manual
Height : 84.7 mm
Highlight Compensation (HLC) : Yes
Housing material : Metal, Plastic
Identify distance : 6.6 m
Intelligent Video Surveillance (IVS) system features : Intrusion, Tripwire
Internal memory : 512 MB
International Protection (IP) code : IP67
LED type : IR
Lens viewing angle, diagonal : 120°
Lens viewing angle, horizontal : 101°
Lens viewing angle, vertical : 53°
Management software : Smart PSS; DSS; DMSS
Maximum resolution : 2688 x 1520 pixels
Mirror : Yes
Mobile operating systems supported : Android, iOS
Mounting type : Ceiling/Wall/Pole
Network access storage (NAS) : Yes
Night vision : Yes
Night vision distance : 30 m
Noise reduction : Yes
Noise reduction technology : 3D noise reduction
Number of cameras : 1
Number of effective pixels (H x V) : 2688 x 1520 pixels
Number of illumination LEDs : 4
Number of Privacy masking areas : 8
Number of users : 20 user(s)
Number of video streams : 3
Observe distance : 26.4 m
Operating relative humidity (H-H) : 0 - 95%
Operating temperature (T-T) : -40 - 60 °C
Optical sensor size : 25.4 / 2.7 mm (1 / 2.7»)
Package weight : 1.23 kg
Pan range : 0 - 360°
Placement supported : Indoor & outdoor
Power consumption (max) : 8.2 W
Power consumption (Power over Ethernet (PoE)) : 4.4 W
Power consumption (typical) : 4.4 W
Power source type : DC, PoE

Privacy masking : Yes
Product colour : White
Progressive scan : Yes
Recognize distance : 13.2 m
Region of Interest (ROI) encoding : Yes
ROM capacity : 128 MB
Sensor type : CMOS
Signal-to-Noise Ratio (SNR) : 56 dB
Smart IR : Yes
Storage temperature (T-T) : -40 - 60 °C
Supported graphics resolutions : 352 x 240, 352 x 288, 640 x 480 (VGA), 704 x 480, 704 x 576, 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
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; P2P
Tilt angle range : 0 - 90°
Total megapixels : 4 MP
Video compression formats : H.264, H.264B, H.264H, H.265
Video formats supported : H.264, H.264+, H.265, H.265+
Video motion detection : Yes
Voice codecs : G.711Mu, G.711a, G.723, G.726, PCM
Web-based management : Yes
Weight : 1 kg
White balance : Auto,