



Dahua Technology WizSense HDW2449T-S-LED Turret IP security camera Indoor & outdoor 2688 x 1520 pixels Ceiling

Brand : Dahua Technology

Product family: WizSense

Product code: HDW2449T-S-LED-0280BPRO

Product name : HDW2449T-S-LED

4-MP 1/2.9" CMOS, 2688 × 1520 @20 fps, IP67

Dahua Technology WizSense HDW2449T-S-LED Turret IP security camera Indoor & outdoor 2688 x 1520 pixels Ceiling:

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.

Dahua Technology WizSense HDW2449T-S-LED. Type: IP security camera, Placement supported: Indoor & outdoor, Connectivity technology: Wired. Mounting type: Ceiling, Product colour: White, Form factor: Turret. Minimum illumination: 0.008 lx, Angle of rotation: 360°, Lens viewing angle, horizontal: 101°. Sensor type: CMOS, Optical sensor size: 25.4 / 2.9 mm (1 / 2.9"). Detect distance: 63.6 m, Observe distance: 25.4 m, Recognize distance: 12.7 m

Performance		Video	
Type *	IP security camera	Noise reduction	✓
Placement supported *	Indoor & outdoor	Noise reduction technology	3D noise reduction
Connectivity technology *	Wired	Gain control type	Auto/Manual
Wide Dynamic Range (WDR)	✓	Privacy masking	✓
Dynamic range	120 dB	Bit rate control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR)
Certification	CE-LVD: EN 62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B	Bit rate	H.264: 32 kbps-6144 kbps; H.265: 12 kbps-6144 kbps
Design		Back Light Compensation (BLC)	✓
Form factor *	Turret	Highlight Compensation (HLC)	✓
Mounting type *	Ceiling	Audio	
Product colour *	White	Signal-to-Noise Ratio (SNR)	56 dB
International Protection (IP) code	IP67	Built-in microphone	✓
Camera		Voice codecs	G.711Mu, G.711a, G.726, PCM
Minimum illumination	0.008 lx	Bit rate range	12 - 6144 Kbit/s
Angle of rotation	360°	Network	
Lens viewing angle, horizontal	101°	Ethernet LAN *	✓
Lens viewing angle, vertical	53°	Ethernet interface type	Fast Ethernet
Lens viewing angle, diagonal	120°	Supported network protocols	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; NTP; Multicast; ICMP; IGMP
Tilt angle range	0 - 78°	Number of users	6 user(s)
Pan range	0 - 360°	Streaming method	Multicast
Camera shutter type	Electronic	Storage	
Camera shutter speed	1/3 - 1/100000 s	Built-in HDD *	✗
Adjustment shutter speed	Auto/Manual	Card reader integrated	✓
Image sensor		Compatible memory cards	MicroSD (TransFlash)
Number of sensors	1	Maximum memory card size	256 GB
Optical sensor size	25.4 / 2.9 mm (1 / 2.9")	Internal memory	128 MB
Progressive scan	✓	ROM capacity	128 MB
Sensor type *	CMOS	Ports & interfaces	
Panoramic camera		Ethernet LAN (RJ-45) ports	1
Number of Privacy masking areas (panoramic camera)	4		

Lens system		Ports & interfaces	
Number of lenses *	1	DC-in jack	✓
Detect distance	63.6 m	Security	
Observe distance	25.4 m	Video motion detection	✓
Recognize distance	12.7 m	Privacy protection	✓
Maximum aperture number	1.6	Intelligent Video Surveillance (IVS) system features	Human detection, Intrusion, Tripwire, Vehicle detection
Identify distance	6.4 m	Mirror	✓
Normal focusing range	0.9 - 1.6 m	Management features	
Fixed focal length	3.6 mm	Web browser	✓
Observe distance (tele)	34.2 m	Management software	DSS; DMSS
Recognize distance (wide)	12.7 m	Power	
Recognize distance (tele)	17.1 m	Power source type *	DC, PoE
Identify distance (wide)	6.4 m	Power consumption	2.1 mA
Identify distance (tele)	8.5 m	Power consumption (max)	5.2 W
Closest focusing distance	0.9 m	Power consumption (Power over Ethernet (PoE))	2.5 W
Night vision		DC output voltage	12
Night vision *	✗	Operational conditions	
Night vision distance	30 m	Operating temperature (T-T)	-40 - 60 °C
LED type	IR	Storage temperature (T-T)	-40 - 60 °C
Number of illumination LEDs	2	Operating relative humidity (H-H)	0 - 95%
Video		System requirements	
Maximum resolution *	2688 x 1520 pixels	Mobile operating systems supported	Android, iOS
Total megapixels *	4 MP	Weight & dimensions	
Video formats supported	H.264, H.264+, H.265, H.265+	Width	109.9 mm
Video compression formats	H.264, H.264B, H.264H, H.265, M-JPEG	Depth	109.9 mm
Supported graphics resolutions	640 x 480 (VGA), 1280 x 720 (HD 720), 1280 x 960, 1920 x 1080 (HD 1080), 2304 x 1296, 2520 x 1520, 2560 x 1440	Height	100.9 mm
Supported video modes	1080p	Diameter	11 cm
Frame rate	30 fps	Weight	370 g
Video streaming	✓	Packaging data	
		Package weight	510 g
		Packaging content	
		Number of cameras *	1

Catalog Object Cloud



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