



Dahua Technology WizSense DH-IPC-HDBW3849R-ZAS-IL-27135 security camera Dome IP security camera Indoor & outdoor 3840 x 2160 pixels Ceiling

Brand : Dahua Technology

Product family: WizSense

Product code: DH-IPC-HDBW3849R-ZAS-IL-27135

Product name : DH-IPC-HDBW3849R-ZAS-IL-27135

3840 x 2160, 30 fps, 8-MP 1/2.7" CMOS, 50 m, H.264+, WDR, 3D NR, HLC, BLC, 512 GB Micro SD, 12 VDC/PoE, IP67, IK10, 120 dB, 0°-355°, 0.007 lux

Dahua Technology WizSense DH-IPC-HDBW3849R-ZAS-IL-27135. Type: IP security camera, Placement supported: Indoor & outdoor, Connectivity technology: Wired. Mounting type: Ceiling, Product colour: White, Form factor: Dome. Minimum illumination: 0.007 lx, Angle of rotation: 355°, Vertical field of view (thermal module): 58°. Sensor type: CMOS, Optical sensor size: 25.4 / 2.7 mm (1 / 2.7"), Number of effective pixels (H x V): 3840 x 2160 pixels. Signal-to-Noise Ratio (SNR) (panoramic camera): 56 dB

Performance		Video	
Type *	IP security camera	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, 2592 x 1944, 2688 x 1520, 3072 x 1728, 3072 x 2048, 3840 x 2160
Placement supported *	Indoor & outdoor		
Connectivity technology *	Wired		
Wide Dynamic Range (WDR)	✓		
Day/night mode	✓		
Built-in light	✓		
Dynamic range	120 dB		
Certification	CE-LVD: EN62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU		
Design		Frame rate	30 fps
Form factor *	Dome	Video streaming	✓
Mounting type *	Ceiling	Noise reduction	✓
Product colour *	White	Noise reduction technology	3D noise reduction
Housing material	Metal	Gain control type	Auto/Manual
International Protection (IP) code	IP67	Bit rate control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR)
IK code	IK10	Back Light Compensation (BLC)	✓
Camera		Highlight Compensation (HLC)	✓
Minimum illumination	0.007 lx	Region of Interest (ROI) encoding	✓
Angle of rotation	355°	Smart IR	✓
Vertical field of view (thermal module)	58°	Audio	
Lens viewing angle, horizontal	114 - 32°	Audio input channels	1.0 channels
Lens viewing angle, vertical	58 - 17°	Audio output channels	1.0 channels
Lens viewing angle, diagonal	138 - 36°	Audio formats supported	G.711, G.723, G.726, PCM
Tilt angle range	0 - 80°	Signal-to-Noise Ratio (SNR)	56 dB
Pan range	0 - 360°	Built-in microphone	✓
White balance	Auto, Custom modes, Lamp, Manual, Natural, Outdoor	Bit rate range	3 - 8192 Kbit/s
Camera shutter speed	1/3 s-1/100,000	Network	
Adjustment shutter speed	Auto/Manual	Ethernet LAN *	✓
Number of Privacy masking areas	8	Ethernet interface type	Fast Ethernet
Image sensor		Networking standards	IEEE 802.1x, IEEE 802.3af
Number of sensors	1	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
Optical sensor size	25.4 / 2.7 mm (1 / 2.7")		
Progressive scan	✓		
Sensor type *	CMOS		
Number of effective pixels (H x V)	3840 x 2160 pixels	Wi-Fi *	✗
		Bluetooth *	✗
		Number of users	20 user(s)
		User access level	User

Panoramic camera		Storage	
Signal-to-Noise Ratio (SNR) (panoramic camera)	56 dB	Card reader integrated	✓
Lens system		Compatible memory cards	MicroSD (TransFlash)
Number of lenses *	1	Maximum memory card size	512 GB
Focal length range	2.7 - 13.5 mm	ROM capacity	256 MB
Auto focus	✓	RAM capacity	1024 MB
Fixed focus	✓	Ports & interfaces	
Focus	Motorized/Manual	Ethernet LAN (RJ-45) ports	1
Maximum aperture number	1	Security	
Detect distance (wide)	89.9 m	Alarm input channels	1
Detect distance (tele)	257.4 m	Alarm output channels	1
Observe distance (wide)	36 m	Password protection	✓
Observe distance (tele)	103 m	Video motion detection	✓
Recognize distance (wide)	18 m	Mirror	✓
Recognize distance (tele)	51.5 m	Digest authentication	✓
Identify distance (wide)	19 m	Management features	
Identify distance (tele)	25.7 m	Firmware upgradeable	✓
Closest focusing distance	1.5 m	Management software	Smart PSS; DSS; DMSS
Night vision		Power	
Night vision *	✓	Power source type *	DC, PoE
Night vision distance	50 m	Power consumption (max)	9 W
LED type	IR/White	Power consumption (Power over Ethernet (PoE))	3.9 W
Number of illumination LEDs	2	DC output voltage	12
Video		Operational conditions	
Maximum resolution *	3840 x 2160 pixels	Operating temperature (T-T)	-30 - 60 °C
Total megapixels *	8 MP	Storage temperature (T-T)	-40 - 60 °C
Video compression formats	H.264, H.265	System requirements	
		Mobile operating systems supported Android, iOS	
		Weight & dimensions	
		Height	94 mm
		Diameter	12.2 cm
		Weight	560 g
		Packaging data	
		Package weight	740 g
		Packaging content	
		Number of cameras *	1



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