



Dahua Technology WizSense SD49425GB-HNR Dome IP security camera Indoor & outdoor 2560 x 1440 pixels Ceiling/wall

Brand : Dahua Technology

Product family: WizSense

Product code: DH-SD49425GB-HNR

Product name : SD49425GB-HNR

- 1/2.8" STARVIS™ CMOS
- 25x optical zoom
- Starlight technology
- Max. 25/30fps@4M
- IR distance up to 100 m
- Perimeter protection
- Face detection
- Quick Pick
- SMD 4.0
- IP66

4MP 25x Starlight IR Network PTZ Camera

Dahua Technology WizSense SD49425GB-HNR. Type: IP security camera, Placement supported: Indoor & outdoor, Connectivity technology: Wired. Mounting type: Ceiling/wall, Product colour: White, Form factor: Dome. Lens viewing angle, horizontal: 53.1°, Lens viewing angle, vertical: 30.4°, Lens viewing angle, diagonal: 59.3°. Sensor type: CMOS, Optical sensor size: 25.4 / 2.8 mm (1 / 2.8"). Optical zoom: 25x, Detect distance: 2161.4 m, Observe distance: 864.6 m

Performance		Video	
Type *	IP security camera	Supported graphics resolutions	352 x 240, 352 x 288, 704 x 480, 704 x 576, 1280 x 720 (HD 720), 1280 x 960, 1920 x 1080 (HD 1080), 2048 x 1536 (QXGA), 2560 x 1440
Placement supported *	Indoor & outdoor		
Connectivity technology *	Wired		
PTZ control	✓		
PTZ modes	5 Pattern, 8 Tour, Auto scan	Supported video modes	720p, 1080p
PTZ protocols	Pelco-P/D, DH-SD	Frame rate	30 fps
Wide Dynamic Range (WDR)	✓	Video streaming	✓
Day/night mode	✓	Noise reduction	✓
Alarm input/output	✓	Noise reduction technology	2D noise reduction, 3D noise reduction
Certification	CE-EMC: EN 55032; EN 61000-3-3; EN 61000-3-2; EN 50130-4; EN 55035 CE-LVD: EN 62368-1 FCC: 47 CFR FCC Part15, Subpart B, NSI C63.4 UL: UL62368-1	Gain control type	Auto/Manual
		Flip & mirror	✓
		Privacy masking	✓
		Image stabilizer	✓
Design		Bit rate control	Constant Bit Rate (CBR), Variable Bit Rate (VBR)
Form factor *	Dome	Back Light Compensation (BLC)	✓
Mounting type *	Ceiling/wall	Highlight Compensation (HLC)	✓
Product colour *	White	Region of Interest (ROI) encoding	✓
International Protection (IP) code	IP66	Smart IR	✓
Camera		Audio	
Minimum illumination	0 lx	Audio formats supported	G.722.1, G.723, G.726, G.729
Lens viewing angle, horizontal	53.1°	Voice codecs	G.711Mu, G.711a, G.722.1, G.726, G.729
Lens viewing angle, vertical	30.4°	Network	
Lens viewing angle, diagonal	59.3°	Ethernet LAN *	✓
Tilt angle range	-15 - 90°	Ethernet interface type	Fast Ethernet
Tilt speed	120 °/sec	Supported network protocols	FTP; RTMP; IPv6; Bonjour; IPv4; DNS; RTCP; PPPoE; NTP; RTP; 802.1x; HTTPS; SNMP; TCP/IP; DDNS; UPnP; NFS; ICMP; UDP; IGMP; HTTP; SSL; DHCP; SMTP; Qos; RTSP; ARP
Tilt preset speed	200 °/sec		
Pan range	0 - 360°		
Pan speed	200 °/sec		
Pan preset speed	240 °/sec		
White balance	Auto, Indoor, Manual, Natural, Outdoor, Sodium lamp		
Camera shutter type	Electronic		

Camera		Network	
Camera shutter speed	1/1 - 1/30000 s	Number of users	20 user(s)
Image sensor		Quality of Service (QoS) support	✓
Optical sensor size	25.4 / 2.8 mm (1 / 2.8")	Streaming method	Multicast, Unicast
Progressive scan	✓	Storage	
Sensor type *	CMOS	Card reader integrated	✓
Lens system		Compatible memory cards	MicroSD (TransFlash)
Zoom capability	✓	Maximum memory card size	512 GB
Optical zoom	25x	Internal memory	1024 MB
Detect distance	2161.4 m	ROM capacity	4096 MB
Observe distance	864.6 m	Ports & interfaces	
Recognize distance	432.3 m	Ethernet LAN (RJ-45) ports	1
Focal length range	5 - 125 mm	Security	
Auto focus	✓	Video motion detection	✓
Maximum aperture number	3.6	Active tampering alarm	✓
Identify distance	216.1 m	IP address filtering	✓
Minimum aperture number	1.6	HTTPS encryption	✓
Closest focusing distance	9 m	Intelligent Video Surveillance (IVS) system features	Abandoned object, Face detection, Missing object
Night vision		Power	
Night vision *	✓	Power source type *	DC, PoE
Night vision distance	100 m	Power consumption (typical)	9 W
LED type	IR	Power consumption (max)	20 W
Number of illumination LEDs	4	DC output voltage	12
Video		DC output current	3 A
Maximum resolution *	2560 x 1440 pixels	Operational conditions	
Total megapixels *	4 MP	Operating temperature (T-T)	-40 - 70 °C
Video formats supported	H.264, H.264+, H.265, H.265+, M-JPEG	Operating relative humidity (H-H)	0 - 95%
Video compression formats	H.264, H.264+, H.265, H.265+, M-JPEG	Weight & dimensions	
		Height	270.4 mm
		Diameter	16 cm
		Weight	2.4 kg
		Packaging data	
		Package weight	3.9 kg
		Packaging content	
		Number of cameras *	1

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