



Dahua Technology WizSense DH-SD5A432GB-HNR security camera Dome IP security camera Indoor & outdoor 2560 x 1440 pixels Ceiling

Brand : Dahua Technology

Product family: WizSense

Product code: DH-SD5A432GB-HNR

Product name : DH-SD5A432GB-HNR

- 1/2.8" 4Megapixel STARVIS™ CMOS
- Powerful 32x optical zoom
- Max. 25/30 fps@4M
- IR distance up to 150 m
- Auto Tracking 3.0
- Face Detection
- SMD 4.0
- Quick Pick
- PoE+
- IP67, IK10

4MP 1/2.8" CMOS, 32x, Face Detection, 2560×1440 px, IP67, 332 x Ø190 mm, 4.7 kg
Dahua Technology WizSense DH-SD5A432GB-HNR. Type: IP security camera, Placement supported: Indoor & outdoor, Connectivity technology: Wired. Mounting type: Ceiling, Product colour: Black, White, Form factor: Dome. Minimum illumination: 0.0005 lx, Lens viewing angle, horizontal: 58.5-2.8, Lens viewing angle, vertical: 31.9-1.3. Sensor type: CMOS, Optical sensor size: 25.4 / 2.8 mm (1 / 2.8"). Optical zoom: 32x, Digital zoom: 16x, Detect distance: 2124 m

Performance		Lens system	
Type *	IP security camera	Closest focusing distance	0.8 m
Placement supported *	Indoor & outdoor	Night vision	
Connectivity technology *	Wired	Night vision *	✓
PTZ control	✓	Night vision distance	150 m
PTZ modes	5 Pattern	LED type	IR
Auto-tracking	✓	Number of illumination LEDs	4
Wide Dynamic Range (WDR)	✓	Video	
Certification	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB, ANSI C63.4-2014 UL: UL60950-1+CAN/CSA C22.2, No.60950-1	Maximum resolution *	2560 x 1440 pixels
		Total megapixels *	4 MP
		Video compression formats	H.264, H.264+, H.264B, H.264H, H.265, H.265+
		Supported graphics resolutions	352 x 240, 352 x 288, 704 x 480, 704 x 576, 1280 x 720 (HD 720), 1920 x 1080 (HD 1080), 2048 x 1536 (QXGA), 2560 x 1440
Design		Noise reduction	✓
Form factor *	Dome	Noise reduction technology	2D noise reduction, 3D noise reduction
Mounting type *	Ceiling	Back Light Compensation (BLC)	✓
Product colour *	Black, White	Digital Wide Dynamic Range (DWDR)	✓
International Protection (IP) code	IP67	Audio	
IK code	IK10	Audio formats supported	G.711, G.722.1, G.723, G.726, G.729
Display diagonal	2.54 cm (1")	Network	
Camera		Ethernet LAN *	✓
Camera pan control	✓	Supported network protocols	HTTP; HTTPS; IPv4; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS; IPv6; 802.1x; QoS; FTP; UPnP; ICMP; SNMP; SNMP v1/v2c/v3 (MIB-2); IGMP; ARP; RTCP; RTP; PPPoE; RTMP; TCP
Camera tilt control	✓		
Minimum illumination	0.0005 lx		
Lens viewing angle, horizontal	58.5–2.8		
Lens viewing angle, vertical	31.9–1.3		
Lens viewing angle, diagonal	67.5–3.2		
Tilt angle range	15 - 90°		
Tilt preset speed	300 °/sec		
Tilt manual speed	0.1 - 200 °/sec		
Pan range	0 - 360°		
Pan preset speed	400 °/sec		

Camera		Network	
Pan manual speed	0.1 - 300 °/sec	Wi-Fi *	×
White balance	Auto, Indoor, Manual, Natural, Outdoor, Sodium lamp, Street lamp	Bluetooth *	×
Image sensor		Storage	
Optical sensor size	25.4 / 2.8 mm (1 / 2.8")	Built-in HDD *	×
Progressive scan	✓	Compatible memory cards	MicroSD (TransFlash)
Sensor type *	CMOS	Maximum memory card size	512 GB
Panoramic camera		Internal memory	1000 MB
Digital Wide Dynamic Range (DWDR) (panoramic camera)	✓	ROM capacity	4000 MB
Lens system		Ports & interfaces	
Zoom capability	✓	Ethernet LAN (RJ-45) ports	1
Optical zoom	32x	Headphone outputs	1
Digital zoom	16x	Management features	
Number of lenses *	1	Web-based management	✓
Detect distance	2124 m	Web browser	✓
Observe distance	839 m	Power	
Recognize distance	425 m	Power source type *	DC, PoE
Focal length range	4.8-154	Power consumption (typical)	13 W
Auto focus	✓	Power consumption (max)	22 W
Focus	Manual	DC output voltage	24
Maximum aperture number	4	DC output current	2.5 A
Identify distance	212 m	Operational conditions	
Minimum aperture number	1.6	Operating temperature (T-T)	-40 - 70 °C
		Operating relative humidity (H-H)	0 - 95%
		Weight & dimensions	
		Height	332 mm
		Diameter	19 cm
		Weight	4.7 kg
		Packaging data	
		Package weight	8 kg
		Packaging content	
		Number of cameras *	1



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