



Dahua Technology WizSense SD22204DB-GNY Dome IP security camera Indoor & outdoor 1920 x 1080 pixels Ceiling

Brand : Dahua Technology

Product family: WizSense

Product code: DH-SD22204DB-GNY

Product name : SD22204DB-GNY

- 1/2.8" CMOS
- Powerful 4x optical zoom
- Max. 25/30fps@1080P
- Max 100°/s pan speed
- Supports face detection
- Support PoE
- IP66, IK10
- SMD 3.0
- 6000V lightning-proof

2MP 4x Starlight WizSense Network PTZ Camera

Dahua Technology WizSense SD22204DB-GNY. Type: IP security camera, Placement supported: Indoor & outdoor, Connectivity technology: Wired. Mounting type: Ceiling, Product colour: White, Form factor: Dome. Minimum illumination: 0.005 lx, Lens viewing angle, horizontal: 99.1°, Lens viewing angle, vertical: 53.4°. Sensor type: CMOS, Optical sensor size: 25.4 / 2.8 mm (1 / 2.8"), Number of effective pixels (H x V): 1920 x 1080 pixels. Optical zoom: 4x, Digital zoom: 16x, Detect distance: 165.5 m

Performance		Video	
Type *	IP security camera	Noise reduction	✓
Placement supported *	Indoor & outdoor	Noise reduction technology	2D noise reduction, 3D noise reduction
Connectivity technology *	Wired	Gain control type	Auto/Manual
PTZ control	✓	Bit rate control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR)
PTZ modes	5 Pattern, 8 Tour, Preset sequence	Bit rate	448K - 8192Kbps, 5120K - 10240Kbps
PTZ protocols	Pelco-P/D	Back Light Compensation (BLC)	✓
Preset points	✓	Highlight Compensation (HLC)	✓
Wide Dynamic Range (WDR)	✓	Digital Wide Dynamic Range (DWDR)	✓
Day/night mode	✓	Region of Interest (ROI) encoding	✓
Certification	CE, FCC, UL		
Design		Audio	
Form factor *	Dome	Signal-to-Noise Ratio (SNR)	55 dB
Mounting type *	Ceiling		
Product colour *	White	Network	
International Protection (IP) code	IP66	Ethernet LAN *	✓
IK code	IK10	Ethernet interface type	Fast Ethernet
Camera		Networking standards	IEEE 802.1x, IEEE 802.3af
Camera pan control	✓	Supported network protocols	HTTP; HTTPS; TCP/IP; IPv4; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS; IPv6; 802.1x; SSL; Qos; FTP; UPnP; ICMP; SNMP; IGMP; ARP; RTCP; RTP; PPPoE; RTMP; Bonjour; SAMBA; NFS
Camera tilt control	✓	Wi-Fi *	✗
Minimum illumination	0.005 lx	Bluetooth *	✗
Lens viewing angle, horizontal	99.1°	Number of users	20 user(s)
Lens viewing angle, vertical	53.4°	Quality of Service (QoS) support	✓
Lens viewing angle, diagonal	117.7°	Streaming method	Multicast, Unicast
Tilt angle range	0 - 90°	Storage	
Tilt speed	60 °/sec	Built-in HDD *	✗
Pan range	0 - 355°	Card reader integrated	✓
Pan speed	100 °/sec	Compatible memory cards	MicroSD (TransFlash)
Pan preset speed	100 °/sec		
White balance	ATW, Auto, Indoor, Manual, Outdoor		
Camera shutter type	Electronic		
Camera shutter speed	1/1 - 1/30000 s		

Image sensor		Storage	
Optical sensor size	25.4 / 2.8 mm (1 / 2.8")	Maximum memory card size	512 GB
Progressive scan	✓	Internal memory	256 MB
Sensor type *	CMOS	ROM capacity	128 MB
Number of effective pixels (H x V)	1920 x 1080 pixels	Ports & interfaces	
Lens system		Ethernet LAN (RJ-45) ports	1
Zoom capability	✓	DC-in jack	✓
Optical zoom	4x	Security	
Digital zoom	16x	Video motion detection	✓
Detect distance	165.5 m	Management features	
Observe distance	65.4 m	Web-based management	✓
Recognize distance	33.1 m	Web browser	✓
Focal length range	2.8 - 12 mm	Power	
Focus	Motorized/Manual	Power source type *	DC
Maximum aperture number	3	Power consumption (typical)	2.3 W
Identify distance	16.6 m	Power consumption (max)	6.1 W
Minimum aperture number	1.6	DC output voltage	12
Closest focusing distance	1.5 m	DC output current	1 A
Night vision		Operational conditions	
Night vision *	✓	Operating temperature (T-T)	-30 - 60 °C
LED type	IR	Storage temperature (T-T)	-30 - 60 °C
Video		Operating relative humidity (H-H)	0 - 95%
Maximum resolution *	1920 x 1080 pixels	Storage relative humidity (H-H)	0 - 95%
Total megapixels *	2 MP	System requirements	
Video compression formats	H.264, H.264+, H.264B, H.264H, H.265, H.265+, M-JPEG	Mobile operating systems supported	Android, iOS
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)	Weight & dimensions	
Supported video modes	720p, 1080p	Height	89 mm
Frame rate	30 fps	Diameter	12.2 cm
Video streaming	✓	Weight	500 g
		Packaging data	
		Package weight	700 g
		Package type	Box
		Packaging content	
		Number of cameras *	1



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