



Dahua Technology Lite DH-SD2A500HB-GN-AW-PV-S2 security camera Dome IP security camera Indoor & outdoor 2560 x 1920 pixels Ceiling/wall

Brand : Dahua Technology

Product family: Lite

Product code: DH-SD2A500HB-GN-AW-PV-S2

Product name : DH-SD2A500HB-GN-AW-PV-S2

- · 1/2.8" 5Megapixel STARVIS™ CMOS
- · Max. 20 fps@5MP
- · Human detection
- · Tripwire, intrusion
- · H.265 encoding
- · Wi-Fi
- · Two-way audio
- · Sound and light alarm
- · IR and white light, three night view modes
- · IP66

5MP Full-color Network PT Camera

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The Active Defense series of small PT cameras raises the bar on performance. After detecting an intrusion, it triggers sound and light alarms, and then instantly relays vital information on the intrusion to the mobile client, keeping you informed no matter where you are. It supports two-way talk, allowing you to communicate with people in front of the camera in real time. It also records videos in full color, and uses Smart Dual Light to help produce vivid images, making it easy to obtain information on events, and reduce light pollution.

Performance		Video	
Type *	IP security camera	Video streaming	✓
Placement supported *	Indoor & outdoor	Noise reduction	✓
Connectivity technology *	Wired	Noise reduction technology	2D noise reduction, 3D noise reduction
PTZ control	✓	Gain control type	Auto/Manual
PTZ modes	Preset sequence	Bit rate control	Constant Bit Rate (CBR), Variable Bit Rate (VBR)
Preset points	✓	Bit rate	32 Kbps-8192 Kbps
Wide Dynamic Range (WDR)	✓	Back Light Compensation (BLC)	✓
Day/night mode	✓	Highlight Compensation (HLC)	✓
Built-in light	✓	Digital Wide Dynamic Range (DWDR)	✓
Certification	CE: EN55032/EN50130-4/EN IEC61000-3-3/EN IEC61000-3-2/EN55024/EN55035/EN62368-1 FCC: 47 CFR FCC Part15, Subpart B, ANSI C63.4:2014		
Design		Audio	
Form factor *	Dome	Built-in speaker(s)	✓
Mounting type *	Ceiling/wall	Audio input channels	1.0 channels
Product colour *	Black, White	Audio output channels	1.0 channels
International Protection (IP) code	IP66	Audio formats supported	G.711, G.726
Camera		Signal-to-Noise Ratio (SNR)	55 dB
		Network	
Camera pan control	✓	Ethernet LAN *	✓
Camera tilt control	✓	Ethernet interface type	Fast Ethernet
Minimum illumination	0 lx	Supported network protocols	UDP;FTP;RTMP;IPv6;IPv4;IP Filter;DNS;RTCP;HTTP;NTP;SSL;DHCP;RTP;SMTP;HTTPS;TCP/IP;RTSP;DDNS;ARP
Lens viewing angle, horizontal	80.4°	Wi-Fi *	✓
Lens viewing angle, vertical	58.1°	Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Lens viewing angle, diagonal	104.8°	Bluetooth *	✗
Tilt angle range	0 - 80°	Number of users	20 user(s)
Tilt speed	36.4 °/sec	Streaming method	Multicast, Unicast
Tilt preset speed	36.3 °/sec		

Camera		Storage	
Pan range	0 - 345°	Built-in HDD *	✗
Pan preset speed	62 °/sec	Card reader integrated	✓
White balance	ATW, Auto, Indoor, Manual, Outdoor	Compatible memory cards	MicroSD (TransFlash)
Camera shutter type	Electronic	Maximum memory card size	512 GB
Camera shutter speed	1/3 - 1/100000 s	Internal memory	128 MB
		ROM capacity	128 MB
Image sensor		Ports & interfaces	
Optical sensor size	25.4 / 2.8 mm (1 / 2.8")	Ethernet LAN (RJ-45) ports	1
Progressive scan	✓	Management features	
Sensor type *	CMOS	Management software	Smart PSS; DMSS; player; configtool; NVR; Smart Player
Lens system		Power	
Detect distance	77.4 m	Power source type *	DC
Observe distance	31 m	Power consumption (typical)	3.5 W
Recognize distance	15.5 m	Power consumption (max)	11 W
Maximum aperture number	1.6	DC output voltage	12
Identify distance	7.74 m	DC output current	1.5 A
Fixed focal length	4 mm	Operational conditions	
Closest focusing distance	0.3 m	Operating temperature (T-T)	-30 - 55 °C
Night vision		Operating relative humidity (H-H)	0 - 95%
Night vision *	✓	System requirements	
Night vision distance	30 m	Mobile operating systems supported	Android, Windows Mobile, iOS
LED type	IR	Weight & dimensions	
Video		Height	140.5 mm
Maximum resolution *	2560 x 1920 pixels	Diameter	11.1 cm
Total megapixels *	5 MP	Weight	500 g
Video compression formats	H.264, H.264+, H.264B, H.265, H.265+, M-JPEG	Packaging data	
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), 2560 x 1440, 2560 x 1920	Package weight	1 kg
Supported video modes	720p, 1080p	Packaging content	
Frame rate	30 fps	Number of cameras *	1



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Catalog Object Cloud



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