

# SD49225DB-HNY

## DAHUA SD49225DB-HNY 2MP 25x NETWORK PTZ KAMERA



Model	SD49225DB-HNY
Brend	Dahua
Növ	IP
Meqapixel	2 MP
Obyektiv	PTZ
Fokus	2.7 - 13.5
İşıqlandırma	İR
İşıqlandırma məsafəsi	100m
Qoruma	IP66
Material	Metal

## Specification

Camera		<a href="#">Datasheet</a>
Image Sensor	1/2.8" CMOS	
Pixel	2 MP	
Max. Resolution	1920 (H) × 1080 (V)	
ROM	128 MB	
RAM	256 MB	
Electronic Shutter Speed	1/1 s–1/30,000 s	
Scanning System	Progressive	
Min. Illumination	Color: 0.005 lux@F1.6 B/W: 0.0005 lux@F1.6 0 lux (IR light on)	
Illumination Distance	100 m (328.08 ft) (IR)	
Illuminator On/Off Control	Zoom Prio; Manual; Smart IR	
Illuminator Number	3 (IR)	
Lens		
Focal Length	4.8 mm–120 mm	
Max. Aperture	F1.6–F3.5	
Field of View	H: 58.5°–2.8°; V: 33.2°–1.5°; D: 67.5°–3.2	
Optical Zoom	25x	
Focus Control	Auto; semi-auto; manual	
Close Focus Distance	0.1 m–1.5 m (0.33 ft–4.92 ft)	

Iris Control	Auto			
DORI Distance	Detect	Observe	Recognize	Identify
	1,613 m (5,291.99 ft)	646 m (2,119.42 ft)	323 m (1,059.71 ft)	161 m (528.22 ft)
PTZ				
Pan/Tilt Range	Pan: 0° to 360° endless Tilt: -15° to +90°, auto flip 180°			
Manual Control Speed	Pan: 0.1°/s-80°/s Tilt: 0.1°/s-80°/s			
Preset Speed	Pan: 80°/s; Tilt: 80°/s			
Preset	300			
Tour	8 (up to 32 presets per tour)			
Pattern	5			
Scan	5			
Power-off Memory	Yes			
Idle Motion	Preset;Pattern;Tour;Scan			
PTZ Protocol	DH-SD Pelco-P/D (Auto recognition)			
Intelligence				
IVS (Perimeter Protection)	Tripwire; intrusion; crossing fence detection; loitering detection; abandoned/missing object; fast moving; parking detection; people gathering; vehicle/human alarm classification			
Face Detection	Supports face detection, capturing pictures, and face enhancement			
SMD	Yes			
Video				
Video Compression	Smart H.265+;H.265;Smart H.264+;H.264;H.264B;MJPEG(Sub Stream)			
Streaming Capability	3 streams			
Resolution	1080p (1920 × 1080); 960p (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)			
Video Frame Rate	Main stream: 1080p/960p/720p@(1-25/30 fps) Sub stream 1: D1/VGA/CIF@(1-25/30 fps) Sub stream 2: 1080p/960p/720p@(1-25/30 fps)			
Bit Rate Control	CBR/VBR			
Video Bit Rate	H.264: 1792 kbps-8192 kbps H.265: 512 kbps-5632 kbps			
Day/Night	Auto (ICR)/Color/B/W			
BLC	Yes			
WDR	120 dB			
HLC	Yes			
White Balance	Auto; indoor; outdoor; ATW; manual; sodium lamp; natural light; street lamp			
Gain Control	Auto; manual			
Noise Reduction	2D NR; 3D NR			
Motion Detection	Yes			
Region of Interest (RoI)	Yes			
Image Stabilization	Electronic (EIS)			
Defog	Electronic			
Digital Zoom	16×			
Image Rotation	180°			
Privacy Masking	Up to 24 areas can be set, with up to 8 areas in the same view			
S/N Ratio	≥ 55 dB			
Audio				
Audio Compression	G.711a; G.711Mu; G.722.1; G.726; MPEG2-Layer2; G.729			
Network				

Network Port	RJ-45 (10/100 Base-T)
Network Protocol	HTTP;HTTPS;TCP/IP;IPv4;RTSP;UDP;SMTP;NTP;DHCP;DNS;DDNS;IPv6; 802.1x;SSL;Qos;FTP;UPnP;ICMP;SNMP;SNMPv1/v2c/v3(MIB-2);IGMP;ARP;RTCP;RTP;PPPoE;IP Filter;RTMP;Bonjour;TCP;SMB;NFS
Interoperability	CGI; Dahua SDK; API; SDK; ONVIF (Profile S&G&T)
Streaming Method	Unicast/Multicast
User/Host	20 (total bandwidth: 64 M)
Storage	FTP; Micro SD card (512 GB); NAS
Browser	IE 7 and later versions Chrome Firefox Safari
Management Software	DMSS; DSS Pro
Mobile Client	iOS; Android; iPhone; iPad
Certification	
Certifications	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB, ANSI C63.4- 2014
Port	
Audio Input	1 channel (LINE IN, bare wire)
Audio Output	1 channel (LINE OUT, bare wire)
Alarm Linkage	Capture; preset; tour; pattern; recording; alarm digital input; audio; send email
Alarm Event	Motion/Tampering detection; audio detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection; power exception detection
Alarm I/O	2/1
Audio I/O	1/1
Power	
Power Supply	12 VDC/3 A ( $\pm 10\%$ ) PoE (802.3at)
Power Consumption	Basic: 12 W Max.: 20 W (IR light)
Environment	
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Operating Humidity	$\leq 95\%$
Protection	IP66, TVS 6000 V lightning proof; surge protection; voltage transient protection
Structure	
Product Dimensions	270.4 mm $\times$ $\Phi$ 160.0 mm (10.65" $\times$ $\Phi$ 6.30")
Net Weight	2.4 kg (5.29 lb)
Gross Weight	3.9 kg (8.60 lb)