

# DH-SD49216DB-HNY

## DAHUA DH-SD49216DB-HNY 2MP 16X IP PTZ KAMERA

Model	DH-SD49216DB-HNY
Brend	Dahua
İşıqlandırma	İR
İşıqlandırma məsafəsi	100m
Növ	IP
Məqapixel	2 MP
Obyektiv	PTZ
Mikrofon	Mic
Qoruma	IP66
Material	Plastik
Yaddaş	MicroSD
İş mühiti	Outdoor



## Specification

Camera	
Image Sensor	1/2.8" CMOS
Pixel	2 MP
Max. Resolution	1920 (H) x 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	5.0 mm-80.0 mm
Max. Aperture	F1.6
Field of View	H: 53.9°-4.6°; V: 30.3°-2.6°; D: 60°-5.3°
Optical Zoom	16x
Focus Control	Auto; semi-auto; manual

Close Focus Distance	0.1 m–2 m (0.33 ft–6.56 ft)			
Iris Control	Fixed			
DORI Distance	Detect	Observe	Recognize	Identify
	1,131 m (3,710.63 ft)	452 m (1,482.94 ft)	226 m (741.47 ft)	113 m (370.73 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	Pattern; Preset; Tour			
PTZ Protocol	DH-SD Pelco-P/D (auto recognition)			
Intelligence				
IVS (Perimeter Protection)	Tripwire; intrusion; climbing fences; loitering detection; abandoned/missing object; fast moving; parking detection; people gathering; vehicle/human alarm classification			
Face Detection	Support face detection; capturing pictures; face enhancement			
SMD	SMD 3.0			
Auto Patrol	It triggers the IVS rule when a target is detected and makes the camera link with the PTZ to rotate to the position of the target and patrol based on its presets			
Video				
Video Compression	H.264H; H.264B; Smart H.265+; H.265; MJPEG (Sub Stream); Smart H.264+; H.264M			
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	TCP; FTP; RTMP; IPv6; Bonjour; IPv4; DNS; RTCP; PPPoE; NTP; RTP; 802.1x; HTTPS; SNMP; TCP/IP; DDNS; UPnP; NFS; ICMP; UDP; IGMP; IP Filter; SMB; HTTP; SSL; DHCP; SMTP; SNMP v1/v2c/v3 (MIB-2); QoS; RTSP; ARP
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	DSS Pro
Mobile Client	iPhone; iPad; iOS; Android
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 I/O	2/1
Audio I/O	1/1
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
Power	
Power Supply	12 VDC, 3 A (± 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	≤95%
Protection	IP66; TVS 6000 V lightning proof; surge protection; voltage transient protection
Structure	
Product Dimensions	270.4 mm × Φ160.0 mm (10.65" × Φ6.30")
Net Weight	2.4 kg (5.29 lb)
Gross Weight	3.9 kg (8.60 lb)