

DH-SD5A232XA-HNR

DAHUA - DH-SD5A232XA-HNR (32x zoom) - 2MP Starlight IR WizSense Network PTZ Camera



Model	DH-SD5A232XA-HNR
Brend	Dahua
Növ	IP
Meqapixel	2 MP
Obyektiv	PTZ
Fokus	2.7 - 13.5
İşıqlandırma	İR
İşıqlandırma məsafəsi	150m
Qoruma	IP67
Material	Metal

Specification

Camera	Datasheet
Image Sensor	1/2.8" STARVIS™ CMOS
Pixel	2MP
Max. Resolution	1920 (H) x 1080 (V)
ROM	4 GB
RAM	1 GB
Electronic Shutter Speed	1/1 s–1/30000 s
Scanning System	Progressive
Min. Illumination	Color: 0.005 Lux@F1.35 B/W: 0.0005 Lux@F1.35 0 Lux (IR on)
Illumination Distance	150 m (492.13 ft)
Illuminator On/Off Control	Zoom Prio/Manual/SmartIR
Illuminator Number	4
Lens	
Focal Length	4.9 mm–156 mm
Max. Aperture	F1.35–F4.4
Field of View	H: 62.8°–2.2°; V: 36.7°–1.3°; D: 69.2°–2.6°
Optical Zoom	32x

Focus Control	Auto/Semi-Auto/Manual			
Close Focus Distance	1 m–1.5 m (3.28 ft–4.92 ft)			
Iris Control	Auto/Manual/Fixed			
DORI Distance	Detect	Observe	Recognize	Identify
	2152 m (7060.37 ft)	850 m (2788.71 ft)	430 m (1410.76 ft)	215 m (705.38 ft)
PTZ				
Pan/Tilt Range	Pan: 0°–360° endless Tilt: –15° to +90°, auto flip 180			
Manual Control Speed	Pan: 0.1°/s–300°/s Tilt: 0.1°/s–200°/s			
Preset Speed	Pan: 400°/s Tilt: 300°/s			
Presets	300			
Tour	8 (up to 32 presets per tour)			
Pattern	5			
Scan	5			
Power-off Memory	Support			
Idle Motion	Preset/Tour/Pattern/Scanning			
Protocol	DH-SD Pelco-P/D (auto recognition)			
Artificial Intelligence				
Event Trigger	Motion detection, video tampering, scene changing, Network disconnection, IP address conflict, illegal access, and storage anomaly.			
IVS	Object Abandoned/Missing			
Smart Capture	Support human, motor vehicle and non-motor vehicle image capture.			
Perimeter Protection	Tripwire and intrusion. Support alarm triggering by target types (human and vehicle). Support filtering false alarms caused by animals, rustling leaves, bright lights, etc.			
Face Detection	Support			
Auto Tracking	Support			
SMD PLUS	Support			
Video				
Compression	H.265; H.264B; H.264M; H.264H; MJPEG (Sub Stream); H.265+; H.264+			
Streaming Capability	3 streams			
Resolution	1080P (1920 × 1080); 1.3M (1280 × 960); 720P (1280 × 720); D1 (704 × 576); CIF (352×288)			
Frame Rate	Main stream: 1080P/1.3M/720P (1–50/60 fps)			
	Sub stream 1: D1/CIF (1–25/30 fps)			
	Sub stream 2: 720P (1–25/30 fps)			
Bit Rate Control	Variable/Constant			
Bit Rate	H.264: 3 Kbps–20480 Kbps			
	H.265: 3 Kbps–20480 Kbps			
Day/Night	Auto (ICR)/Color/B/W			
BLC	Support			
WDR	120 dB			
HLC	Support			
White Balance	Auto/Indoor/Outdoor/Tracking/Manual/Sodium lamp/Natural light/Street lamp			
Gain Control	Auto/Manual			
Noise Reduction	2D/3D			
Motion Detection	Support			
Region of Interest (RoI)	Support			

Image Stabilization	Electronic
Defog	Electronic
Digital Zoom	16x
Flip	180°
Privacy Masking	Up to 24 areas, and up to 8 areas in the same view
S/N Ratio	≥ 55 dB
Audio	
Compression	G.711a; G.711Mu; G.726; AAC; MPEG2-Layer2; G722.1; G729; G723
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4; IPv6; HTTP; HTTPS; 802.1x; Qos; FTP; SMTP; UPnP; SNMPv1/v2c/v3 (MIB-2); DNS; DDNS; NTP; RTSP; RTP; TCP; UDP; IGMP; ICMP; DHCP; PPPoE; ARP; RTCP; RTMP
Interoperability	ONVIF Profile S&G&T; CGI
Streaming Method	Unicast/Multicast
User/Host	20 (total bandwidth 64M)
Storage	FTP; Micro SD card (256G); NAS
Browser	IE7 and later versions Chrome 42 and earlier versions Firefox 52 and earlier versions Safari
Management Software	Smart PSS; DSS; DMSS; Easy4ip; IVSS
Mobile Phone	IOS, Android
Certification	
Certifications	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB, ANSI C63.4-2014 UL: UL60950-1+CAN/CSA C22.2.No.60950-1
Port	
Audio I/O	1 (Line in; bare wire)/1 (Line out; bare wire)
Alarm I/O	2/1
Power	
Power Supply	DC 24 V/2.5 A ± 25% PoE+ (802.3at)
Power Consumption	Basic: 12W Max: 20W
Environment	
Operating Temperature	-40°C to +70°C (-40°F to +158°F)
Operating Humidity	≤ 95%
Protection	IP67; IK10; 6000V lightning proof; surge protection; voltage transient protection
Structure	
Dimensions	Φ190 mm × 332 mm (Φ7.48" × 13.07")
Net Weight	4.7 kg (10.36 lb)
Gross Weight	8 kg (17.64 lb)