

# SD5A225XA-HNR-AC

## DAHUA SD5A225XA-HNR-AC 2MP 25X NETWORK PTZ KAMERA

Model	SD5A225XA-HNR-AC
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				
Image Sensor	1/2.8" CMOS			
Max. Resolution	1920 (H) × 1080 (V)			
Pixel	2 MP			
ROM	4 GB			
RAM	1 GB			
Electronic Shutter Speed	1/3–1/30,000 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	150 m (492.13 ft)			
Illuminator On/Off Control	Zoom Prio/Manual/SmartIR/Off			
Illuminator Number	4			
Lens				
Focal Length	5.4 mm–135 mm			
Max. Aperture	F1.6-F3.5			
Field of View	H: 58.7°–3.1°; V: 33.2°–1.7°; D: 67.3°–3.9°			
Optical Zoom	25x			
Focus Control	Auto/Semi-Auto/Manual			
Close Focus Distance	0.1 m–1.5 m (0.32 ft–4.92 ft)			
Iris Control	Auto/Manual			
DORI Distance	Detect	Observe	Recognize	Identify
	1655 m (5429.79 ft)	657 m (2155.51 ft)	331 m (1085.96 ft)	166 m (544.62 ft)
PTZ				
Pan/Tilt Range	Pan: 0°–360°; Tilt: -15°–+90°			

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 preset per tour)
Pattern	5
Scan	5
Speed Adjustment	Support
Power-off Memory	Support
Idle Motion	Preset/Tour/Pattern/Scanning
Protocol	DH-SD Pelco-P/D (Auto recognition)
General Intelligence	
Event Trigger	Motion detection, video tampering, scene changing, Network disconnection, IP address conflict, illegal access, and storage anomaly.
IVS	Object Abandoned/Missing
Artificial Intelligence	
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.
SMD PLUS	Support
Auto Tracking	Support
Face Detection	Support
Video	
Compression	H.265/H.265+/H.264+/H.264/MJPEG (Sub Stream)
Streaming Capability	3 streams
Resolution	1080p (1920 × 1080); 1.3 M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); CIF (352 × 288/352 × 240)
Frame Rate	Main stream: 1080p/1.3 M/720p (1~50/60 fps) Sub stream 1: D1/CIF (1~25/30 fps) Sub stream 2: 1080p/1.3M/720p/D1/CIF (1~25/30 fps)
Bit Rate Control	Variable/Constant
Bit Rate	H.265/H.264: 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/Street lamp
Gain Control	Auto/Manual
Noise Reduction	2D/3D
Motion Detection	Support
Region of Interest (RoI)	Support
Image Stabilization	Electronic
Defog	Support
Digital Zoom	16x
Flip	180°
Privacy Masking	Up to 24 areas, and up to 8 areas in the same view
Audio	
Compression	G.711A; G.711Mu; G.726; AAC; MPEG2-Layer2; G.722.1; G.729; G.723
Network	
Ethernet	1 RJ-45 Port 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

<b>Browser</b>	IE7 and newer versions Chrome 42 and older versions Firefox 52 and older versions Safari
<b>Management Software</b>	Smart Player / Smart PSS / DSS / Easy4ip
<b>Mobile Phone</b>	IOS/Android
<b>Certification</b>	
<b>Certifications</b>	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB,ANSI C63.4- 2014 UL:UL60950-1+CAN/CSA C22.2.No.60950-1
<b>Port</b>	
<b>Audio I/O</b>	1 (Line in; bare wire)/1 (Line out; bare wire)
<b>Alarm I/O</b>	2/1
<b>Power</b>	
<b>Power Supply</b>	AC 24 V/2.5 A ± 25% PoE+ (802.3at)
<b>Power Consumption</b>	8 W 20 W (IR light on)
<b>Environment</b>	
<b>Operating Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Operating Humidity</b>	≤ 95%RH
<b>Protection</b>	IP67; IK10; TVS 6000V lightning protection; surge protection
<b>Structure</b>	
<b>Casing</b>	Metal
<b>Dimensions</b>	Φ190 mm × 332 mm (7.48" × 13.07")
<b>Net Weight</b>	4.7 kg (10.36 lb)
<b>Gross Weight</b>	8 kg (17.64 lb)