

DS-2DE5425W-AE**5-inch 4 MP 25X Powered by DarkFighter Network Speed Dome**

- High quality imaging with 4 MP resolution
- Excellent low-light performance via powered-by-DarkFighter technology
- Clear imaging against strong back lighting due to 120 dB WDR technology
- Pan and tilt ability enables camera to monitor zones of interest
- 25x optical zoom allows for closer viewing of subjects in expansive areas
- Water and dust resistant (IP66) and vandal resistant (IK10).

▪ Specification

Lens	
FOV	Horizontal field of view: 59.5° to 2.6° (Wide-Tele), Vertical field of view: 35.7° to 1.5° (Wide-Tele), Diagonal field of view: 66.6 to 3.0° (Wide-Tele)
Zoom Speed	Approx. 3.6 s (optical lens, wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.6 to F3.5
Focal Length	4.8 mm to 120 mm, 25× optical zoom
Image	
Image Enhancement	HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus
Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288), 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Max. Resolution	2560 × 1440
Main Stream	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720), 50fps (1920 × 1080, 1280 × 960, 1280 × 720), 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720), 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Third Stream	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288), 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Network	
Network Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
API	Open-ended, support ONVIF, ISAPI, and CGI, support HIKVISION SDK and Third-Party Management Platform
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users, 3 levels: Administrator, Operator and User
Client	iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect
Web Browser	IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Alarm Linkage	Alarm actions, such as Notify Surveillance Center, Upload to FTP, Send Email, Trigger Recording, Recording Linkage, and Alarm Input, etc.
Interface	
Alarm Output	1-ch alarm output
Alarm Input	2-ch alarm input
Audio Input	1-ch audio input
Audio Output	1-ch audio output
Network Interface	1 RJ45 10 M/100 M Ethernet, Hi-PoE
Compression Standard	
H.264+	Support
H.265+	Support
H.264 Type	Baseline Profile/Main Profile/High Profile
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG, Third Stream: H.265/H.264/MJPEG

H.265 Type	Baseline Profile/Main Profile/High Profile
Video Bitrate	32 Kbps to 16384 Kbps
Audio Compression	G.711a law/G.711u law/G.722.1/G.726/MP2L2/PCM
Audio Bitrate	G.711a law/G.711u law: 64 Kbps, G.722.1/G.726: 16 Kbps, MP212/PCM: 32 Kbps/64 Kbps/128 Kbps
SVC	Support
Camera Module	
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0.001 Lux @(F1.6, AGC ON)
White Balance	Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
Gain	Auto/Manual
Shutter Time	50Hz: 1/1 s to 1/30,000 s, 60Hz: 1/1 s to 1/30,000 s
Day & Night	IR Cut Filter
Digital Zoom	16×
Privacy Mask	24 programmable privacy masks
Focus Mode	Auto/Semi-automatic/Manual
WDR	120 dB WDR (not supported by full frame rate)
PTZ	
Movement Range (Pan)	360° endless
Pan Speed	Configurable, from 0.1°/s to 250°/s, Preset speed: 300°/s
Movement Range (Tilt)	From -5° to 90° (auto-flip)
Tilt Speed	Configurable, from 0.1°/s to 150°/s, Preset Speed: 200°/s
Proportional Zoom	Support
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans, record time over 10 minutes for each scan
Power-off Memory	Support
Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan
3D Positioning	Support
PTZ Status Display	Support
Preset Freezing	Support
Scheduled Task	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output
Smart Features	
Basic Event Detection	Motion Detection, Alarm Input, Alarm Output, Video Tampering Detection, Exception
Smart Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection
Smart Tracking	Support
Smart Record	ANR (Automatic Network Replenishment), Dual-VCA
ROI	Main stream, sub-stream, and third stream respectively support four fixed areas.
General	
Material	ADC 12, PC+ABS, PC/PMMA
Dimensions	Φ 220 mm × 280 mm (Φ 8.66" × 11.02")

Weight	Approx. 3 kg (6.61 lb)
Protection Level	IP66 Standard, IK10, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Power	24 VAC, 1.5 A, 50/60 Hz and PoE (802.3 at), 42.5 to 57 VDC, 0.6 A, class4 Max.: 22 W
Working Temperature	-30°C to 65°C (-22°F to 149°F)
Working Humidity	≤ 90%

▪ Available Model

DS-2DE5425W-AE

DS-2DE5425W-AE(RUS HIKVISION)

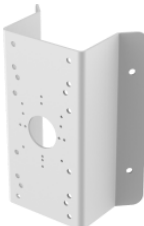
DS-2DE5425W-AE(B)

DS-2DE5425W-AE(E)

DS-2DE5425W-AE(QAT ISS)

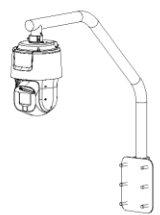
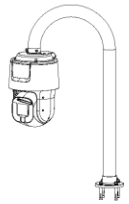
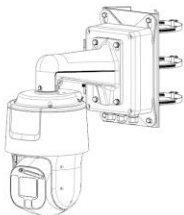
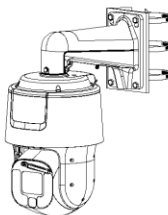
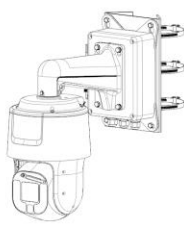
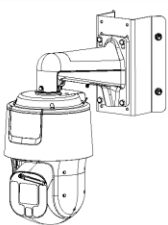
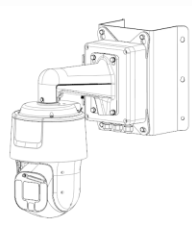
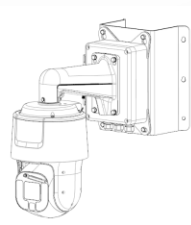
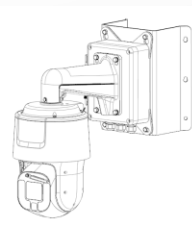
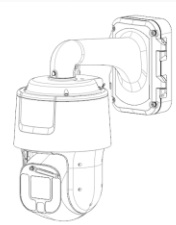
▪ Accessory

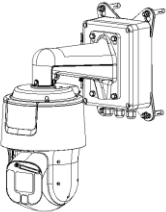
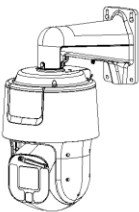
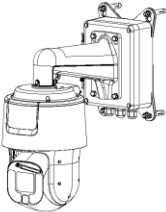
▪ Optional

DS-1660ZJ	DS-4650ZJ-WC	DS-1663ZJ	DS-1604ZJ-BOX-PO LE	DS-1276ZJ
				
DS-1604ZJ	DS-1604ZJ-BOX-CO RNER	DS-1674ZJ	DS-1604ZJ-box	DS-1602ZJ
				
DS-1684ZJ	DS-1604ZJ-corner	DS-1619ZJ	DS-1662ZJ	DS-1661ZJ
				
DS-1604ZJ-pole	DS-4660ZJ-WC	DS-1667ZJ	DS-1673ZJ	DS-1673ZJ

				
DS-1673ZJ				
				

■ Installation Methods

Gooseneck Mounting DS-1660ZJ	Gooseneck Mounting DS-1619ZJ	Vertical Pole Mounting DS-4650ZJ-WC+DS-16 74ZJ+DS-1602ZJ	Vertical Pole Mounting DS-1604ZJ-BOX-POLE	Vertical Pole Mounting DS-1684ZJ+DS-1602ZJ
				
Vertical Pole Mounting DS-1604ZJ-pole	Pendant Mounting DS-1663ZJ	Pendant Mounting DS-1662ZJ	Pendant Mounting DS-1661ZJ	Pendant Mounting DS-1667ZJ
				
Corner Mounting DS-1276ZJ+DS-1602ZJ	Corner Mounting DS-1604ZJ-BOX-CORN ER	Corner Mounting DS-1604ZJ-corner	Corner Mounting DS-4660ZJ-WC+DS-16 02ZJ+DS-1674ZJ	Wall Mounting DS-1604ZJ
				

Wall Mounting DS-1604ZJ-box	Wall Mounting DS-1602ZJ	Junction Box DS-1674ZJ+DS-1602ZJ	Horizontal Pole Mounting DS-1673ZJ+DS-1662ZJ	Horizontal Pole Mounting DS-1673ZJ+DS-1661ZJ
				
Horizontal Pole Mounting DS-1673ZJ+DS-1663ZJ				
				

See Far, Go Further



www.hikvision.com
support@hikvision.com

