

DS-2DE5232IW-AE (S5) 2 MP 32 × IR Network Speed Dome

AcuSense



















Hikvision DS-2DE5232IW-AE $\,$ (S5) 2 MP 32 \times IR Network Speed Dome adopts 1/2.8" progressive scan CMOS chip. With the 32 \times optical zoom lens, the camera offers more details over expansive areas.

This series of cameras can be widely used for wide ranges of high-definition, such as the rivers, roads, railways, airports, squares, parks, scenic spots, and venues, etc.

Empowered by deep learning algorithms, Hikvision AcuSense technology brings human and vehicle targets classification alarms to front- and back-end devices. The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness.

- Focuses on human and vehicle targets classification based on deep learning
- Support face capture. Up to 5 faces captured at the same time
- 1/2.8" Progressive Scan CMOS
- Up to 1920 × 1080 @30fps resolution
- Excellent low-light performance with powered-by-DarkFighter technology
- 32 × optical zoom, 16 × digital zoom
- WDR, HLC, BLC, 3D DNR, Defog, Regional Exposure, Regional Focus, Rapid Focus
- Up to 150 m IR distance
- 24 VAC & Hi-PoE
- Support H.265+/H.265 video compression





Specification

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Camera Module				
Image Sensor	1/2.8" progressive scan CMOS			
Min. Illumination	Color: 0.005 Lux @ (F1.2, AGC ON), B/W: 0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR			
Shutter Speed	1/1 s to 1/30000 s			
Slow Shutter	yes			
Focus	semi-auto, manual, auto			
Day & Night	ICR			
Day/Night Switch	day, night, auto, scheduled-switch			
BLC	yes			
WDR	120 dB WDR			
HLC	yes			
3D DNR	yes			
Defog	yes			
EIS	yes			
Regional Exposure	yes			
Regional Focus	yes			
Image Settings	saturation, brightness, contrast, sharpness			
White Balance	auto, ATW, sodium lamp, fluorescent lamp, indoor, outdoor, MWB, Locked WB			
Digital Zoom	16 ×			
Optical Zoom	32 ×			
Privacy Mask	up to 24 masks, polygon region, mosaic mask, mask color configurable			
SNR	> 52dB			
Lens				
Focal Length	4.8 mm to 153 mm, 32 × Optical			
Zoom Speed	approx. 4.2 s			
200111 Speed	Horizontal field of view: 58.4° to 2.14° (wide-tele),			
FOV	Vertical field of view: 33.8° to 1.2° (wide-tele), Diagonal field of view: 65.6° to 2.46° (wide-tele)			
Aperture	F1.2			
PTZ				
Movement Range (Pan)	360°			
Movement Range (Tilt)	-15° to 90°(auto flip)			
Pan Speed	pan speed: configurable from 0.1° to 120°/s; preset speed: 120°/s			
Tilt Speed	tilt speed: configurable from 0.1° to 80°/s, preset speed 80°/s			
Proportional Zoom	yes			
Presets	300			
Patrol Scan				
Pattern Scan	8 patrols, up to 32 presets for each patrol			
	4 pattern scans			
Power-off Memory	yes			
Park Action	Preset ,pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan			
3D Positioning	yes			
PTZ Status Display	yes			
Preset Freezing	yes			
Scheduled Task	Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output			
Video				
Max. Resolution	1920 × 1080			
Stream Type	main stream, sub-stream, third stream			
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)			
Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 35 2× 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)			
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)			
Video Compression	H.265, H.264, MJPEG			
Video Compression Video Bit Rate	H.265, H.264, MJPEG 32 kbps to 16384 kbps			



H.264+ yes SVC yes Audio Compression SC,711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM Audio Sampling Rate MP2L2: 32 kbps, 40 kbps, 40 kbps, 56 kbps, 56 kbps, 56 kbps, 112 kbps, 128 kbps, 144 kbps, 160 kbps, 192 kbps Audio Sampling Rate Environment Noise Filtering Smart Features Face Capture yes Smart Features Face Capture yes Sasic Event audio exception, motion detection, video tampering alarm, exception intrusion detection, line crossing detection, opicet removed detection feeteroin, unattended bagagage detection, opicet removed detection Smart Record ANR, Dual-VCA Alarm Linkage preset, patrol scan, pattern scan, memory card video recording, alarm output, sending email, notify surveillance center, upload to FTP Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle) Network Network Storage NAS (NFS, SMB/ CIFS), ANR Protocols RTCP, RTP, TCP/P, UDP, IMP, DHCP, PPPOE, Bonjour API Hik-Connect, Open-ended API, ONVIF (Profile S, Profile G), ISAPI, Hikvision SDK, Third-party management platform, ISUP Simutaneous Live View 20 Suser/Host 32 Smooth Streaming yes Security Measures 32 Smooth Streaming yes Security Measures 302-1X authenticated username and password, MAC address binding, HTTPS encryption, 802-1X authenticated access, IP address filter Web Browser 18 to 11, Chomes 57+, Fiferos 52+, Safari 12+ Interface Communication Interface RJ45, self-adaptive 10M/100M Ethernet port On-board Storage Support microSD/microSDHC/microSDHC/microSDHC and yes Supplement Light IR Distance 150 m General Power 24 VAC, Hi-PoE Power Consumption and Current Max. 30 W, including max. 10 W for IR Operating Conditions 30°C to 65°C (-22°F to 149°F); humidity lower	H.265 Type	main profile		
H.255+ Yes SVC Yes SVC Yes dynamic face tracking, fixed region, main stream, sub-stream and third stream respectively support eight fixed areas Audio Audio G.711alaw, G.711alaw, G.722.1, G.726, MP2L2, PCM MP2L2: 32 kbps, 40 kbps, 48 kbps, 56 kbps, 64 kbps, 80 kbps, 96 kbps, 112 kbps, 128 kbps, 144 kbps, 160 kbps, 192 kbps MP2L2: 16 kHz, 32 kHz, 48 kHz, PCM: 8 kHz, 16 kHz, 32 kHz, 48 kHz Environment Noise Filtering Yes Smart Features Yes Smart Features Yes Smart Feature Yes Basic Event audio exception, motion detection, video tampering alarm, exception Intrusion detection, unattended baggage detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Smart Record ANR, Dual-VCA Alarm Linkage Preset, patrol scan, pattern scan, memory card video recording, alarm output, sending email, notify surveillance center, upload to FTP Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle) Network Nas (NFS, SMB/ CIFS), ANR Protocols Nas (NFS, SMB/ CIFS), ANR Protocols				
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Audio Audio Grompression Gr.711alaw, G.721.1 G.726, MP2L2, PCM Audio Grompression G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM Audio Bit rate MP2L2: 32 kbps, 40 kbps, 48 kbps, 56 kbps, 56 kbps, 96 kbps, 112 kbps, 128 kbps, 144 kbps, 160 kbps, 192 kbps Audio Sampling Rate MP2L2: 16 kHz, 32 kHz, 48 kHz, PCM: 8 kHz, 16 kHz, 32 kHz, 48 kHz Environment Noise Filtering Smart Features Face Capture yes Basic Event audio exception, motion detection, video tampering alarm, exception Smart Record ANR, Dual-VCA Alarm Linkage preset, patrol scan, pattern scan, memory card video recording, alarm output, sending email, notify surveillance center, upload to FTP Perimeter Protection Line crossing, intrusion, region entrance, region exiting email, notify surveillance center, upload to FTP Protocols NAS, NES, SMB/ CIFS), ANR Protocols Protocols Protocols Protocols Record Protocols Protoc				
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Audio Sampling Rate Environment Noise Filtering Smart Features Face Capture Basic Event Judio Sampling Rate Smart Features Face Capture Smart Event Smart Event Judio Exception, motion detection, video tampering alarm, exception Intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection ANR, Dual-VCA Alarm Linkage Perimeter Protection Perimeter Protection Network Network Storage NAS (NFS, SMB/ CIFS), ANR Protocols Pro	Audio Bit rate	MP2L2: 32 kbps, 40 kbps, 48 kbps, 56 kbps, 64 kbps, 80 kbps, 96 kbps, 112 kbps, 128		
Fervironment Noise Filtering yes	Audio Sampling Rate			
Face Capture Basic Event Basic Basic Event Basic Event Basic B	Environment Noise Filtering	yes		
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APTThird-party management platform, ISUPSimultaneous Live View20User/Host32Smooth StreamingyesSecurity MeasuresAuthenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filterClientiVMS-4200, Hik-Connect, HikCentralWeb BrowserIE 8 to 11, Chrome 57+, Firefox 52+, Safari 12+InterfaceCommunication InterfaceComboard StorageSupport microSD/microSDHC/microSDXC cards, up to 256 GBAlarm Input2 alarm inputsAlarm Output1 alarm outputAudio Input1 audio input, 2.0 to 2.4Vp-p, 1k Ohm±10%,Audio Output1 audio output, line level, impedance: 600 ΩSupplement LightIR DistanceIR Distance150 mGeneralPower24 VAC, Hi-PoEPower Consumption and CurrentMax. 30 W, including max. 10 W for IROperating Conditions-30°C to 65°C (-22°F to 149°F); humidity lower than 90%RHResetyesMaterialADC 12, PC, PC+10% GFDimensionsΦ 208 mm × 345 mm (Φ 8.19" × 13.58")WeightApprox. 3.3 kg (7.28 lb)	Protocols	RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour		
User/Host 32 Smooth Streaming yes Security Measures Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter Client iVMS-4200, Hik-Connect, HikCentral Web Browser IE 8 to 11, Chrome 57+, Firefox 52+, Safari 12+ Interface Communication Interface RJ45, self-adaptive 10M/100M Ethernet port On-board Storage support microSD/microSDHC/microSDXC cards, up to 256 GB Alarm Input 2 alarm inputs Alarm Output 1 alarm output Audio Input 1 audio input, 2.0 to 2.4Vp-p, 1k Ohm±10%, Audio Output 1 audio output, line level, impedance: 600 Ω Supplement Light IR Distance 150 m General Power 24 VAC, Hi-PoE Power Consumption and Current Max. 30 W, including max. 10 W for IR Operating Conditions -30°C to 65°C (-22°F to 149°F); humidity lower than 90%RH Reset yes Material ADC 12, PC, PC+10% GF Dimensions Φ 208 mm × 345 mm (Φ 8.19" × 13.58") Weight Approx. 3.3 kg (7.28 lb)				
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$ \begin{array}{lll} \text{Operating Conditions} & -30^{\circ}\text{C to } 65^{\circ}\text{C (-22^{\circ}\text{F to } 149^{\circ}\text{F}); humidity lower than } 90\%\text{RH} \\ \text{Reset} & \text{yes} \\ \text{Material} & \text{ADC } 12, \text{PC, PC+}10\% \text{ GF} \\ \text{Dimensions} & \Phi 208 \text{ mm} \times 345 \text{ mm } (\Phi 8.19" \times 13.58") \\ \text{Weight} & \text{Approx. } 3.3 \text{ kg } (7.28 \text{ lb}) \end{array} $	Power Consumption and			
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Weight Approx. 3.3 kg (7.28 lb)		·		
		,		
Approval	Approval			
Protection IP66 Standard, 6000V Lightning Protection, Surge Protection and Voltage Transient Protection				

DORI

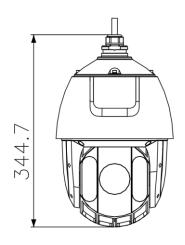
The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view. It is calculated based on the camera sensor specification and the criteria given by EN 62676-4:

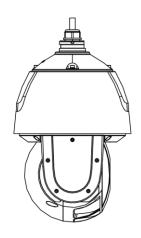


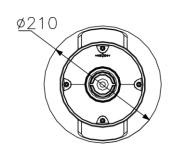
2015.

DORI	Detect	Observe	Recognize	Identify
Defintion	25 px/m	63 px/m	125 px/m	250 px/m
Distance(Tele)	2046.9 m (6715.6 ft)	812.3 m (2665.0 ft)	409.4 m (1343.2 ft)	204.7 m (671.2 ft)

Dimension







Unit:mm

- Accessory
- Included



DS-1602ZJ Wall Mount

Optional



DS-1604ZJ-Box-Corner Wall Mount with Junction Box



DS-1604ZJ-Box Wall Mount with Junction Box



DS-1604ZJ Wall Mount



DS-1619ZJ Gooseneck Mount





DS-1682ZJ
Extendable Pole for Pendant
Mount



DS-1661ZJ Pendant Mount



DS-1660ZJ Parapet Wall Mount



DS-1604ZJ-pole Vertical Pole Mount



DS-1663ZJ Ceiling Mount



DS-1662ZJ Pendant Mount



DS-1604ZJ-Box-Pole
Vertical Pole Mount with
Junction Box



DS-1681ZJ Installation Adapter



DS-1667ZJ
Extendable Pole for Pendant
Mount



DS-1604ZJ-Corner Corner Mount



DS-1673ZJ Horizontal Pole Mount



HKA-A24250-230(EU) HKKD-12077(USA) HKA-A24250-230-BS(UK) PSE-A1525/5060(JP) Power Adapter



DS-1005KI USB Joy-stick



LAS60-57CN-RJ45 Hi-PoE midspan



DS-1100KI Network Keyboard

Available Model

DS-2DE5232IW-AE (S5)

Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

Level	Description		
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion		
	protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and		
	more.		

^{*}DS-1673ZJ should be used with DS-1661ZJ or DS-1662ZJ.



Moderate protection	Hilwician products at this level are equipped for use in areas with moderate anti-correction		
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion		
	demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away		
	from coastlines, as well as areas affected by acid rain.		
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion		
	protection is needed.		

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HIKVISION°

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