

# DS-2DE7232IW-AE (S5) 2 MP 32 × IR Network Speed Dome

# AcuSense



















Hikvision DS-2DE7232IW-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 200 m IR distance
- 24 VAC & Hi-PoE
- Support H.265+/H.265 video compression





# Specification

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	·			
Focus	yes semi-auto, manual, auto			
	ICR			
Day & Night	day, night, auto, scheduled-switch			
Day/Night Switch BLC				
WDR	yes 120 dB WDR			
HLC				
alc 3D DNR	yes			
	yes			
Defog EIS	yes			
	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	> 52 dB			
Lens				
Focal Length	4.8 mm to 153 mm, 32 × Optical			
Zoom Speed	approx. 4.2 s			
	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 160°/s; preset speed: 240°/s			
Tilt Speed	tilt speed: configurable from 0.1° to 120°/s, preset speed: 240°/s			
Proportional Zoom				
Presets	yes 300			
Patrol Scan				
Patroi 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, 352 × 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 Bit Rate	32 kbps to 16384 kbps			
H.264 Type	baseline profile, main profile, high profile			
IIIZOT TYPE	baseline profile, main profile, flight profile			



H.265 Type	main profile			
H.264+				
	yes			
H.265+	yes			
SVC	yes			
ROI	fixed region, main stream, sub-stream and third stream respectively support eight fixed areas			
Audio				
Audio Compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM			
Audio Bit rate	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			
Audio Sampling Rate	MP2L2: 16 kHz, 32 kHz, 48 kHz, PCM: 8 kHz, 16 kHz, 32 kHz, 48 kHz			
Environment Noise Filtering	yes			
Smart Features				
Face Capture	yes			
Basic Event	audio exception, motion detection, alarm input, alarm output, video tampering alarm, exception			
Smart Event	intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection			
Smart Tracking	manual tracking, event tracking, auto-tracking			
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, smart tracking			
	Line crossing, intrusion, region entrance, region exiting			
Perimeter Protection	Support alarm triggering by specified target types (human and vehicle)			
Network	capport atainst trope in a specifical target types (name in and terms)			
Network Storage	NAS (NFS, SMB/ CIFS), 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	ISAPI, Hikvision SDK, Hik-Connect, ONVIF (Profile S, Profile G, Profile T), ISUP			
Simultaneous Live View	20			
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	TE O to 11, Gillottic 371, FileTox 321, Juliur 121			
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 1 alarm output			
Alarm Output	•			
Audio Input	1 audio input			
Audio Output	1 audio output, line level, impedance: $600\Omega$			
Supplement Light	200			
IR Distance	200 m			
General				
Power	24 VAC, Hi-PoE			
Power Consumption and Current	Max. 42 W, including max. 10 W for heater and max. 18 W for supplement light			
Operating Conditions	-30°C to 65°C (-22°F to 149°F); humidity lower than 90%RH			
Reset	yes			
Demist	Demist by heating the glass			
Material	ADC 12, PC, PC+10%GF			
Dimensions	Φ 220 mm × 353.4 mm (Φ 8.66" × 13.91")			
Weight	Approx. 5 kg (11.02 lb.)			
Approval				
Protection	IP66 Standard, IK10 (excluding glass window), 6000V Lightning Protection, Surge Protection and Voltage Transient Protection			

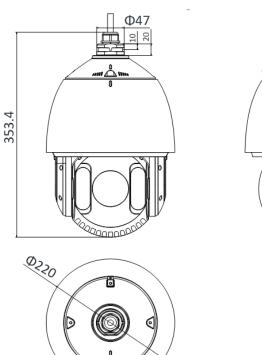


#### DORI

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
Definition	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

## Optional



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



DS-1602ZJ Wall Mount



DS-1604ZJ-Box
Wall Mount with Junction
Box



DS-1604ZJ Wall Mount





DS-1682ZJ
Extendable Pole for Pendant
Mount



DS-1604ZJ-pole Vertical Pole Mount



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



DS-1604ZJ-Corner Corner Mount



DS-1661ZJ Pendant Mount



DS-1663ZJ Ceiling Mount



DS-1681ZJ Installation Adapter



DS-1673ZJ Horizontal Pole Mount



DS-1660ZJ Parapet Wall Mount



DS-1662ZJ Pendant Mount



DS-1667ZJ
Extendable Pole for Pendant
Mount



DS-1619ZJ Gooseneck Mount



DS-1005KI USB Joy-stick



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



LAS60-57CN-RJ45 Hi-PoE midspan



DS-1100KI Network Keyboard

#### Available Model

DS-2DE7232IW-AE (S5)

<sup>\*</sup>DS-1673ZJ should be used with DS-1661ZJ or DS-1602ZJ.



Distributed by

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