

DS-2DE7A625IWG-EB (C) 6 MP 25 × IR Network Speed Dome

AcuSense

Powered by
DarkFighter



Hikvision DS-2DE7A625IWG-EB 6 MP 25 × IR Network Speed Dome adopts 1/2.5" progressive scan CMOS chip. With the 25 × 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.

Hikvision has been dedicated to develop products with security since established.

Hikvision always follows security by design principle and has adopted many methods of security technologies into our product development lifecycle, including terminal security, data security, application security, network security, and privacy protection. In the meantime, the security technologies used by Hikvision are all in compliance with local applicable laws and safety regulations. These security measures could enhance product's cyber security protection capability and protect your devices as well as your data from malicious cyber attacks.

- 1/2.5" progressive scan CMOS
- High quality imaging with 6 MP resolution
- Excellent low-light performance with powered-by-DarkFighter technology
- Audio visual alarm: The white flashing light and audible warning can be triggered by certain events
- 25 × optical zoom and 16× digital zoom provide close up views over expansive areas
- Expansive night view with up to 200 m IR distance
- Focuses on human and vehicle targets classification based on deep learning

▪ Specification

Camera	
Max. Resolution	3200 × 1800
Image Sensor	1/2.5" progressive scan CMOS
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter Speed	1/1 s to 1/30000 s
Slow Shutter	Yes
Day & Night	IR cut filter
Zoom	25x optical, 16x digital
Lens	
Focal Length	5.5 mm to 176 mm
Zoom Speed	Approx. 2.7 s
FOV	Horizontal field of view: 60.7° to 2.2° (wide-tele), Vertical field of view: 35.9° to 1.2° (wide-tele), Diagonal field of view: 68.4° to 2.6° (wide-tele)
Aperture	Max. F1.6
Focus	Auto, semi-auto, manual
Illuminator	
Supplement Light Range	IR Distance: up to 200 m
Supplement Light Type	IR
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 200°/s
Proportional Pan	Yes
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans
Power-off Memory	Yes
Park Action	Preset, pattern 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	
Main Stream	50Hz: 25fps (3200×1800, 2560×1440, 1920×1080, 1280×960, 1280×720); 60Hz: 30fps (3200×1800, 2560×1440, 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	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
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

Video Bit Rate	32 kbps to 16384 kbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	8 fixed regions for each stream
Audio	
Audio Compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, AAC-LC, PCM
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32-192 Kbps (MP2L2)/16-64 Kbps (AAC)
Audio Sampling Rate	AAC: 16kHz; MP2L2: 16kHz; MP3: 8kHz, 16kHz; PCM: 8kHz, 16kHz
Environment Noise Filtering	Yes
Network	
Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (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 Network Video Interface (Version 19.12, ProfileS, ProfileG, ProfileT), ISAPI, SDK, ISUP
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users, 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.2, TLS 1.3, host authentication (MAC address)
Client	iVMS-4200, HikCentral Pro, Hik-Connect
Web Browser	IE11, Chrome 57+, Firefox 52+, Safari 11+
Image	
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Wide Dynamic Range (WDR)	True WDR
Defog	Digital defog
Image Stabilization	EIS
Regional Exposure	Yes
Regional Focus	Yes
Image Settings	Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser
Privacy Mask	24 programmable polygon privacy masks, mask color or mosaic configurable
SNR	> 52 dB
Interface	
Ethernet Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board Storage	Built-in memory card slot, support microSD/SDHC/SDXC card, up to 256 GB
Alarm	2 inputs, 1 output
Audio	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 kΩ ± 10%; 1 output (line out), line level, output impedance: 600 Ω
Reset	Yes
Built-in Speaker	1 built-in speaker with effective distance reaching max. 30 meters

Event	
Basic Event	Motion detection, video tampering alarm, exception, alarm input and output
Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Alarm Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, audible warning, white light flashing, and PTZ actions (such as preset, patrol scan, pattern scan)
Deep Learning Function	
Face Capture	Supports Detects up to 5 faces simultaneously; Supports best shot and quick shot for capture mode
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle)
Linkage and Tracking	
Smart Tracking	Manual tracking, auto-tracking
General	
Power	36 VDC, max. 30 W (including max. 9 W for IR and max. 2 W for heater); Hi-PoE
Operating Condition	-30 °C to 65 °C (-22 °F to 149 °F). Humidity 90% or less (non-condensing)
Demist	Yes
Material	ADC12
Dimension	Ø 220 mm × 363.3 mm (Ø 8.66" × 13.91")
Weight	Approx. 5 kg (11.03 lb.)
Approval	
Protection	IP67 (IEC 60529-2013), IK10 (excluding glass window), TVS 6000V lightning protection, surge protection and voltage transient protection
EMC	CE-EMC (EN 55032:2015+A11:2020+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021); IC (ICES-003: Issue 7: 2020);
Safety	CB (IEC 62368-1:2014); CE-LVD (EN 62368-1:2014+A11:2017); LOA (SANS IEC60950-1)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)

▪ 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.

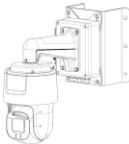
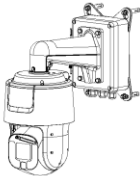
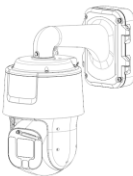
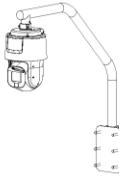
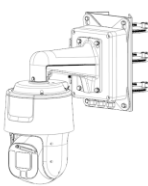
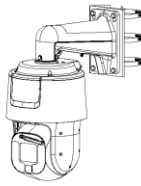
DORI	Detect	Observe	Recognize	Identify
Definition	25 px/m	63 px/m	125 px/m	250 px/m
Distance (Tele)	2200 m (7217.8 ft)	873 m (2864.2 ft)	440 m (1443.6 ft)	220 m (721.8 ft)

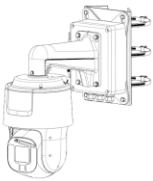
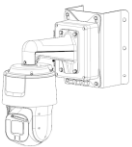
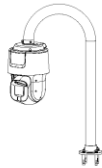
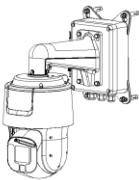
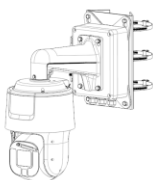
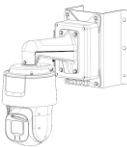
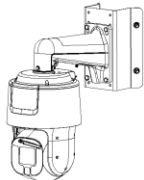
▪ Available Model

DS-2DE7A625IWG-EB(C)

▪ Accessory

▪ Optional

DS-1604ZJ-BOX-CORNER Wall mount	DS-1604ZJ-box Wall mount	DS-1604ZJ Wall mount	DS-1660ZJ Wall mount	DS-1661ZJ Pendant Mount
				
				
DS-1662ZJ Pendant Mount	DS-1667ZJ Pendant Mount	DS-1673ZJ Horizontal pole mount	DS-1604ZJ-BOX-POLE Vertical pole mount	DS-1684ZJ Vertical pole mount
				
				
DS-1604ZJ-pole Vertical pole mount	DS-1663ZJ In-ceiling mount	DS-1604ZJ-corner Corner mount	DS-1619ZJ Others	DS-1602ZJ Wall mount
				

				
DS-1674ZJ Junction box	DS-4650ZJ-WC Vertical pole mount	DS-4660ZJ-WC Corner mount	DS-1276ZJ Corner mount	
				
				

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