

Cámara PTZ IP / 8 Megapixel (4K) / Zoom Óptico 25X / IR 100 m (328.1 ft) / IP67 / PoE+ / Audio Bidireccional / AcuSense / AI-ISP

SKU: DS-2DE4825IWG1-E(B) Marca: HIKVISION Categoría: PTZ

Garantía: 5 años

$13,092.00

Precios con IVA incluido

DESCRIPCIÓN

Cámara PTZ IP de 8 megapíxeles (4K) con zoom óptico 25× y zoom digital 16×, diseñada para vigilancia perimetral y seguimiento de objetos a larga distancia en entornos profesionales. Incorpora sensor CMOS 1/2.8' progresivo, tecnología DarkFighter con AI-ISP para rendimiento superior en baja luminosidad, e iluminación infrarroja Smart IR hasta 100 m (328.1 ft). La arquitectura AcuSense con deep learning clasifica personas y vehículos, reduciendo alarmas falsas, mientras que las funciones AcuSeek y AcuSearch optimizan la eficiencia de búsqueda y reproducción en NVR. Ofrece detección facial de hasta 5 rostros simultáneos, análisis de video avanzado (cruce de línea, intrusión, entrada/salida de región, objetos abandonados/extraídos, detección de audio anormal), audio bidireccional mediante dos micrófonos y una bocina integrados, y protección IP67 para operación en exteriores severos.

Características Generales
Resolución máxima: 8 megapíxeles (3840 × 2160)
Sensor CMOS 1/2.8' progresivo
Zoom óptico 25× (4.8 a 120 mm) + zoom digital 16×
Iluminación mínima: color 0.005 lux @ (F1.6, AGC ON); blanco/negro 0.001 lux @ (F1.6, AGC ON); 0 lux con IR
Día/noche real con filtro ICR
IR Smart IR hasta 100 m (328.1 ft)
WDR 120 dB y reducción de ruido 3D DNR
DarkFighter + AI-ISP para baja luminosidad
AcuSense con deep learning: clasificación de persona y vehículo
Detección facial: hasta 5 rostros simultáneos
Análisis inteligente: cruce de línea, intrusión, entrada/salida de región, objetos abandonados/extraídos, detección de audio anormal
Compatible con AcuSeek y AcuSearch para reproducción eficiente con NVR
2 micrófonos y 1 bocina integrados
Luz estroboscópica y alarma audible integradas
Alimentación PoE+
Grado de protección IP67

Desempeño de Imagen
Resolución: 8 MP (3840 × 2160)
Sensor: CMOS 1/2.8' progresivo
Zoom óptico: 25× (4.8 – 120 mm)
Zoom digital: 16×
Iluminación mínima color: 0.005 lux @ (F1.6, AGC ON)
Iluminación mínima B/N: 0.001 lux @ (F1.6, AGC ON)
0 lux con IR activado
Día/noche real con filtro ICR
WDR: 120 dB
3D DNR
DarkFighter + AI-ISP
IR Smart IR: hasta 100 m (328.1 ft)

Inteligencia y Seguridad
AcuSense con deep learning
Clasificación: persona y vehículo
Detección facial: 5 rostros simultáneos
Cruce de línea
Intrusión
Entrada/salida de región
Objetos abandonados/extraídos
Detección de audio anormal
Compatible con AcuSeek
Compatible con AcuSearch
Luz estroboscópica integrada
Alarma audible integrada

Físicas, Eléctricas y Audio
Protección: IP67
Alimentación: PoE+
2 micrófonos integrados
1 bocina integrada
Audio bidireccional

ESPECIFICACIONES

Característica 1	**Clasificación de persona y vehículo por deep learning para reducir falsas alarmas**
Característica 2	**Reproducción inteligente con AcuSeek y AcuSearch al integrarse con NVR**
Característica 3	**Captura facial de hasta 5 rostros simultáneos para control de accesos**
Característica 4	**Audio bidireccional con 2 micrófonos y bocina integrados para intervención remota**
Característica 5	**DarkFighter con AI-ISP para imagen nítida en condiciones de extrema oscuridad**
Característica 6	**WDR 120 dB y 3D DNR para contraste equilibrado en escenas de luz mixta**

> **Número de parte de esta ficha:** DS-2DE4825IWG1-E(B). La información corresponde a esta variante.

DS-2DE4825IWG1-E(B)
8 MP 25X Powered by DarkFighter IR Acusense Network Speed Dome
- Hikvision DS-2DE4825IWG1-E 8MP 25× Network IR Speed Dome adopts 1/2.8" 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.
- HIK AI-ISP for excellent noise reduction effect
- High focus speed with self-learning focus technology keep the picture clear every single second
- High quality imaging with 8 MP resolution
- 1/2.8" progressive scan CMOS
- 25× optical zoom and 16× digital zoom provide close up views over expansive areas
- Focuses on human and vehicle targets classification based on deep learning
- Support face capture. Up to 5 faces captured at the same time
- Support link to hikvision network speakers and network microphones to play audio
- Improve playback efficiency and be compatible with the AcuSeek and AcuSearch technologies of NVR for combined use
- Expansive night view with up to 100 m IR distance
- Active strobe light and audio alarm to warn intruders off
- Built-in arrayed dual-microphone for real-time high quality audio security
- Specification
Camera
Image Sensor 1/2.8" progressive scan CMOS
Max. Resolution 3840 × 2160
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 s to 1/30,000 s
Day & Night IR cut filter
Zoom 25x optical, 16x digital
Slow Shutter Yes
Lens
Focal Length 4.8 to 120 mm
FOV
Horizontal field of view: 55.3° to 3.0°, vertical field of view: 32.2° to 1.7°, diagonal field of view: 62.3° to 3.4°
Focus Auto, semi-auto, manual
Aperture Max. F1.6
Zoom Speed Approx. 3.6 s
Illuminator
Supplement Light Type IR
Supplement Light Range IR Distance: up to 100 m
PTZ
Movement Range (Pan) 360°
Movement Range (Tilt) -15° to 90° (auto flip)
Pan Speed pan speed: configurable from 0.1° to 80°/s; preset speed: 80°/s
Tilt Speed tilt speed: configurable from 0.1° to 80°/s, preset speed 80°/s
Proportional Pan Yes
Presets 300
Preset Freezing Yes
Patrol Scan 8 patrols, up to 32 presets for each patrol
Pattern Scan 4 pattern scans
Park Action
Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan
3D Positioning Yes
PTZ Status Display Yes
Scheduled Task
Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, auxiliary output
Power-off Memory Yes
Video
Main Stream
50 Hz: 25 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720),
60 Hz: 30 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream
50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288)
60 Hz: 30 fps (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
AI Encoding Yes
Audio
Audio Compression G.711,G.722.1,G.726,MP2L2,PCM,MP3,AAC-LC
Audio Bit Rate
64 Kbps (G.711),16 Kbps (G.722.1),16 Kbps (G.726),32 to 192 Kbps (MP2L2),16 to 64Kbps (AAC-LC),8 to 320 Kbps (MP3)
Audio Sampling Rate
MP2L2: 16kHz, 32kHz, 48kHz,AAC-LC: 16kHz, 32kHz, 48kHz,PCM: 16kHz, 32kHz, 48kHz,MP3: 8kHz, 16kHz, 32kHz, 48kHz
Environment Noise Filtering Yes
Network
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
Simultaneous Live View Up to 20 channels
API ONVIF (Profile S, Profile G, Profile T),ISAPI,SDK,ISUP
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)
Network Storage NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
Client iVMS-4200, HikCentral Pro, Hik-Connect
Web Browser IE11, Chrome 80+, Firefox 80+, Safari 13+, Edge 89+

Image
Image Parameters Switch Yes
Image Settings
Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser
Day/Night Switch Day, Night, Auto, Schedule
Wide Dynamic Range (WDR) 120 dB
SNR > 52 dB
Defog Digital defog
Image Stabilization EIS
Image Enhancement BLC, HLC, 3D DNR
Privacy Mask 24 programmable polygon privacy masks, mask color or mosaic configurable
Regional Focus Yes
Regional Exposure Yes
VR View 360° Real Scene Stitched Panoramic Image
Interface
Ethernet Interface 1 RJ45 10M/100M self-adaptive Ethernet port
On-board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
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
Alarm 1 input, 1 output
- Reset Yes
Built-in Microphone 2 built-in Microphone: Arrayed dual-microphone up to 8 meters
Built-in Speaker 1 built-in speaker, with effective distance reaching max. 20 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, unattended baggage detection, object removal detection, audio exception detection
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
Detects up to 5 faces simultaneously.
Supports detecting, capturing, grading, selecting of face in motion, and output the best face picture of the face
Regional People Counting
Supports up to 8 detection regions, and independent arming schedule and linkage method
Supports 3 detection modes: people density detection, number of people exception detection, waiting time exception detection
Supports searching real-time number of people
General
Power 12 VDC, max. 18 W, including max. 1.6 W for heater and 9 W for IR; PoE (802.3at)
Dimension Ø 164.5 mm × 290 mm (Ø 6.48" × 11.42")
Weight Approx. 2 kg (4.41 lb.)
Material ADC12
Operating Condition -30 °C to 65 °C (-22 °F to 149 °F). Humidity 90% or less (non-condensing)
Demist Yes
Approval
EMC
CE-EMC (EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021+A2:2024, EN 61000-3-3:2013+A1:2019+A2:2021),RCM (AS/NZS CISPR 32: 2015)
Safety CB (IEC 62368-1:2014), CE-LVD (EN 62368-1:2014 + A11:2017)
Environment CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection
IP67 (IEC 60529-2013),TVS 6000 V 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) 3200.0 m (10498.7 ft) 1269.8 m (4166.1 ft) 640.0 m (2099.7 ft) 320.0 m (1049.9 ft)
Distance (Wide) 128.0 m (419.9 ft) 50.8 m (166.6 ft) 25.6 m (84.0 ft) 12.8 m (42.0 ft)
- Dimension
- Accessory
- Included
DS-1618ZJ
- Optional
DS-1661ZJ DS-1673ZJ DS-1604ZJ-pole DS-1662ZJ DS-1619ZJ
- DS-1604ZJ-BOX-PO
LE
DS-1663ZJ DS-1661ZJ-R/B DS-1602ZJ-R/B
DS-1604ZJ-BOX-CO
RNER
- DS-1684ZJ DS-1604ZJ-box
- Installation Methods
Wall Mounting
DS-1618ZJ
Wall Mounting
DS-1604ZJ-box
Pendant Mounting
DS-1661ZJ
Pendant Mounting
DS-1662ZJ
Pendant Mounting
DS-1663ZJ
- Horizontal Pole Mounting
DS-1673ZJ+DS-1662ZJ
Vertical Pole Mounting
DS-1604ZJ-pole
Vertical Pole Mounting
DS-1604ZJ-BOX-POLE
Vertical Pole Mounting
DS-1684ZJ+DS-1602ZJ
Gooseneck Mounting
DS-1619ZJ

- Corner Mounting
DS-1604ZJ-BOX-CORN
ER