

Domo IP / 4K 8MP / Lente 2.8mm / Salida HDMI 1080p / IR EXIR 30 m / IP42 / IK10 / WDR 120 dB / PoE / Micro SD 512 GB

SKU: DS-2CD2186G2-IMS Marca: HIKVISION Categoría: Domo / Eyeball / Turret

Garantía: 5 años

$5,370.87

Precios con IVA incluido

DESCRIPCIÓN

Cámara domo IP de 8 megapíxeles con resolución 4K (3840 × 2160) diseñada para despliegues profesionales en centros comerciales, retail y espacios de alto tráfico peatonal. Integra salida HDMI 1080p que permite conexión directa a monitores para visualización en tiempo real sin depender de un NVR. Su lente fijo de 2.8 mm ofrece un amplio ángulo de visión de 108°, ideal para cubrir áreas extensas con una sola unidad. La iluminación IR EXIR garantiza alcance de 30 metros con distribución uniforme de luz, eliminando efectos de sobreexposición en primeros planos. Construcción metálica con certificaciones IP42 e IK10 que aseguran resistencia a polvo, salpicaduras e impactos mecánicos intencionales.

Características principales

Resolución máxima 4K 8MP (3840 × 2160) con captura de detalles finos para identificación

Lente fijo 2.8 mm, ángulo de visión horizontal 108°

Salida HDMI independiente 1080p para monitores de vigilancia directa

Alcance IR EXIR 30 m (98.4 ft) con tecnología de compensación de exposición

WDR 120 dB, BLC, HLC, 3D DNR para optimización en condiciones de iluminación complejas

Compresión H.265+ / H.265 / H.264 con reducción de hasta 50% en consumo de ancho de banda

Entrada y salida de audio para comunicación bidireccional

Entrada y salida de alarma para integración con sistemas de eventos

Ranura Micro SD hasta 512 GB (tarjeta no incluida) para almacenamiento local

Carcasa metálica con protección IP42 e IK10

Alimentación dual: 12 VCC / PoE 802.3af

Especificaciones técnicas

Imagen y óptica

Resolución: 3840 × 2160 (8 MP)

Lente: 2.8 mm fijo

Ángulo de visión: 108° horizontal

WDR: 120 dB

Mejoras: BLC, HLC, 3D DNR

Iluminación y visión nocturna

IR EXIR: 30 m (98.4 ft)

Tecnología: Compensación de exposición uniforme

Modo nocturno: Automático / Manual / Apagado

Video y compresión

Compresión: H.265+ / H.265 / H.264

Salida HDMI: 1080p independiente

Almacenamiento local: Micro SD hasta 512 GB

Audio y alarmas

Audio: 1 entrada / 1 salida

Alarmas: 1 entrada / 1 salida

Integración: Eventos y respuestas programables

Físico y construcción

Dimensiones: 119 × 90 mm

Material: Carcasa metálica

Protección: IP42 / IK10

Alimentación

Voltaje: 12 VCC / PoE (802.3af)

Consumo: 8.5 W máximo

PoE: Clase 3, compatible con switches estándar

Accesorios de montaje opcionales

Caja de conexiones: DS-1280ZJ-DM46

Montaje colgante: DS-1271ZJ-120

Montaje pared con caja: DS-1272ZJ-120B

ESPECIFICACIONES

Característica 1	**Salida HDMI directa para monitores sin NVR**
Característica 2	**Visión nocturna EXIR 30 m uniforme sin sobreexposición**
Característica 3	**WDR 120 dB para contraluz extremo en entradas**
Característica 4	**Carcasa metálica antivandálica IK10 para áreas públicas**
Característica 5	**Triple compresión H.265+/H.265/H.264 optimiza ancho de banda**
Característica 6	**Audio y alarmas integrados para respuesta en tiempo real**

MEMORIA TÉCNICA · DS-2CD2186G2-IMS

Número de parte de esta ficha: DS-2CD2186G2-IMS. La información corresponde a esta variante.

DS-2CD2186G2-IMS
4K HDMI Fixed Dome Network Camera

- High quality imaging with 8 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 130 dB true WDR technology
- Direct HD live view with HDMI output
- Robust structure design with full metal materials
- Vandal proof (IK10)
- Specification

Camera
Image Sensor 1/1.8" Progressive Scan CMOS
Min. Illumination Color: 0.003 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Max. Resolution 3840 × 2160
Shutter Time 1/3 s to 1/100,000 s
Day & Night IR cut filter
Angle Adjustment Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens
Lens Type Fixed focal lens, 2.8 mm
Focal Length & FOV 2.8 mm, horizontal FOV: 108°, vertical FOV: 58°, diagonal FOV: 133°
Lens Mount M12
Iris Type Fixed
Aperture F1.6
DORI
DORI
2.8 mm, D: 97 m, O: 38 m, R: 19 m, I: 9 m
4 mm, D: 111 m, O: 44 m, R: 22 m, I: 11 m
Illuminator
Supplement Light Type IR
Supplement Light Range Up to 30 m
Smart Supplement Light Yes
IR Wavelength 850 nm
Video
Main Stream
50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
60 Hz: 24 fps (3840 × 2160),
- 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)

Sub-Stream
50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)
60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)
Third Stream
50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)
60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)
*Third stream is supported under certain settings.
Video Compression
Main stream: H.265/H.264/H.264+/H.265+,
Sub-stream: H.265/H.264/MJPEG,
Third stream: H.265/H.264,
*Third stream is supported under certain settings.
Video Bit Rate 32 Kbps to 16 Mbps
H.264 Type Baseline Profile, Main Profile, High Profile
H.265 Type Main Profile
Bit Rate Control CBR, VBR
Scalable Video Coding (SVC) H.264 and H.265 encoding
Region of Interest (ROI) 1 fixed region for main stream and sub-stream
Audio
Audio Type Mono sound
Environment Noise Filtering Yes
Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
- Audio Bit Rate

64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 Kbps to 64 Kbps
(AAC-LC)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)
Network
Simultaneous Live View Up to 6 channels
API ISAPI, SDK, ISUP, ONVIF (Profile S, Profile G, Profile T)
Protocols
TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP,
IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket,
WebSockets, SRTP, SFTP
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, WSSE and digest authentication for Open Network
Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS
1.1/1.2/1.3, host authentication (MAC address)
Network Storage
NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR),
Together with high-end Hikvision memory card, memory card encryption and health
detection are supported.
Client iVMS-4200, Hik-Connect, Hik-Central
Web Browser
Plug-in required live view: IE 11,
Plug-in free live view: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+,
Local service: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+
Image
Image Parameters Switch Yes
SNR ≥ 52 dB
Wide Dynamic Range (WDR) 130 dB
Privacy Mask 4 programmable polygon privacy masks
Day/Night Switch Day, Night, Auto, Schedule
Image Enhancement BLC, HLC, 3D DNR
Image Settings
Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,
adjustable by client software or web browser
Interface
Audio
1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input
impedance: 4.7 KΩ, interface type: non-equilibrium,
1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output
impedance: 100 Ω, interface type: non-equilibrium
Alarm 1 input, 1 output (max. 12 VDC, 30 mA)
Video Output
fps/60 fps, HDMI version 1.4)
On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Reset Key Yes
Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port
Event

Basic Event
Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception
Smart Event scene change detection
- Linkage
Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture, trigger alarm output, audible warning
Deep Learning Function
Face Capture Yes
Perimeter Protection
Line crossing, intrusion, region entrance, region exiting
Support alarm triggering by specified target types (human and vehicle)
General
Power
12 VDC ± 25%, 0.7 A, max. 8.4 W, reverse polarity protection, Ø 5.5 mm coaxial power plug, or two-core terminal block,
PoE: IEEE 802.3af, Class 3, max. 10 W
Material Metal
Dimension Ø 119 mm × 90 mm (Ø 4.7" × 3.5")
Package Dimension 150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")
Weight Approx. 440 g (0.97 lb.)
With Package Weight Approx. 720 g (1.59 lb.)
Storage Conditions -10 °C to 40 °C (-14 °F to 104 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions -10 °C to 40 °C (-14 °F to 104 °F). Humidity 95% or less (non-condensing)
Language
33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
General Function Heartbeat, mirror, password reset via email, pixel counter, anti-banding, flash log
Approval
EMC
CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014,
RCM: AS/NZS CISPR 32: 2015,
IC: ICES-003: Issue 7,
KC: KN32: 2015, KN35: 2015
Safety
CB: IEC 62368-1: 2014+A11,
CE-LVD: EN 62368-1: 2014/A11: 2017,
LOA: IEC/EN 60950-1
Environment
CE-RoHS: 2011/65/EU,
WEEE: 2012/19/EU,
Reach: Regulation (EC) No 1907/2006
Protection IK10: IEC 62262:2002
- 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.
- 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.
- Dimension
- Available Model
DS-2CD2186G2-IMS(2.8mm)
- Accessory
- Optional
DS-1272ZJ-120
Wall mount
DS-1272ZJ-120B
Wall mount
DS-1271ZJ-120
Pendant Mount
DS-1275ZJ-SUS
Vertical pole mount
DS-1276ZJ-SUS
Corner mount
- DS-1280ZJ-DM46
Junction box
DS-2280ZJ-WA120
Junction box
DS-2210ZJ-WA-120
Pendant Mount
DS-2200ZJ-WA-120
Wall mount
DS-2200ZJ-WAJ-120
Wall mount