



Av. Isabela Aguiar No. 38
Zona Industrial de Herrera, Santo Domingo
Tel: 809-274-2066 / RNC 1-3036965-8

DOCUMENTACION TECNICA





Oferta Técnica

Para:
**ADQUISICIÓN DE
EQUIPOS Y MATERIALES DE
VIDEOVIGILANCIA**

**LICITACIÓN PÚBLICA NACIONAL
REF: JCE-CCC-LPN-2025-0008**

Preparado por:
SAMETEC SRL.

SAMETEC
Equipos • Programas • Suministros
RNC No. 130369658

EQUIPOS PROPUESTOS

Ítem 1: iDS-7732NXI-M4/X

Características del producto: 32 canales 8K Deepin Mind puertos virtuales.

Marca: Hikvision

Análisis inteligente: IA mediante NVR Reconocimiento facial, protección perimetral, estructuralización de vídeo, AcuSearch; AI por cámara Reconocimiento facial, protección perimetral, estructuralización de video, AcuSearch, detección de movimiento 2.0, ANPR, conteo de personas, VCA.

Reconocimiento Facial: Detección y análisis faciales Comparación de imágenes de rostros Captura de rostros humanos búsqueda de imágenes de rostros Biblioteca de imágenes de rostros Hasta 16 bibliotecas de imágenes de rostros hasta 100,000 imágenes de rostros en la biblioteca de lista hasta 10,000 imágenes de rostros en la biblioteca de desconocidos hasta 5,000,000 de imágenes de rostros en captura de rostros (cada imagen ≤ 4 MB, capacidad total ≤ 20 GB), Comparación de imágenes de rostros (capturadas desde la cámara)

Velocidad de comparación: 48 imágenes por segundo.

Video y audio: Entrada de vídeo IP 32 ch Up to 32 MP



HIKVISION DS-7732NI-M4_24P(B)

Resolución:



- HDMI 1 Output 8K (7680×4320)/30Hz, 4K (3840×2160)/60Hz, 4K (3840×2160)/30Hz, 2K(2560×1440)/60Hz, 1920×1080/60Hz
- HDMI 2 Output 4K (3840×2160) /60Hz,
4K HDMI 2 Output 4K (3840×2160)/60Hz,
4K (3840×2160)/30Hz,
2K (2560×1440)(3840×2160)/30Hz,
2K (2560×1440)/60Hz, 40)/60Hz,
1920×1080/60Hz1920×1080/60Hz.
- Video Output Mode HDMI1/VGA1 simultáneos Video Output Mode HDMI1/HDMI2 independiente output
- CVBS Output1CVBS Output1--ch, BNC (1.0 Vp_{ch}, BNC (1.0 Vp--p, 75 p, 75 ΩΩ)), resolution: PAL: 704 × 576, NTSC: 704 × 480resolution: PAL: 704 × 576, NTSC: 704 × 480.
- Salida de audio1--ch, RCA (Linear, 1 KΩ)ch, RCA (Linear, 1 KΩ).

Decodificación: Formato de decodificación H.265 // H.265+H.265+ // H.264H.264 // H.264+H.264+

- Decodificación2--ch@32 MP (30fps)/2ch@32 MP (30fps)/2--ch@24 ch@24 MP (30fps)/4MP (30fps)/4--ch@16 MP (30fps)/8ch@16 MP (30fps)/8--ch@8 MP ch@8 MP (30fps) /16(30fps)/16--ch@4 MP (30fps)/32ch@4 MP (30fps)/32--ch@ 2MP ch@ 2MP (30fps)(30fps).

Resolución de grabación: 32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA /4CIF/DCIF/ 2CIF/CIF/QCIF

Conectividad networking: Conexiones remotas hasta 128

Protocolo de red TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS, ONVIF (VONVIF (Versión 2.2), OTAP ersión 2.2), OTAP APIONVIF APIONVIF (profile S/G); SDK; ISAPI (profile S/G); SDK.



Interfaz de red: 2x RJ-45 10/100/1000 Mbps self--adaptive Ethernet interface.

Auxiliar interface: SATA4 SATA interfaces; 3.5--inch HDD

Capacidad: hasta 16 TB por cada disco HDD.

Front panel interfaz USB Front panel: 2 × USB 2.0; Rear I: 2 × USB 2.0; Rear panel:
1×USB 3.

Alarma: E/S16/4.

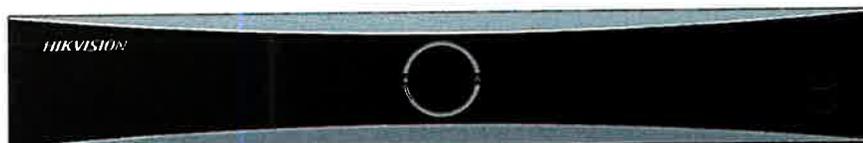
Certificación: CE, FCC, IC, CB, KC, UL, Rohs, Reach, WEEE, RCM, UKCA, LOA,
BISRCM, UKCA, LOA, BIS.FCC Part 15 Subpart B, ANSI C63.4-2014.



Ítem 2: HIKVISION iDS-7716NXI-M4

Marca: Hikvision

Análisis inteligente: IA mediante NVR Reconocimiento facial, protección perimetral, estructuralización de vídeo, AcuSearch;



HIKVISION iDS-7716NXI-M4

IA por cámara: Reconocimiento facial, protección perimetral, estructuralización de video, AcuSearch,

- Reconocimiento facial mediante Detección y análisis faciales Detección y análisis faciales
- Comparación de imágenes de rostros ,Captura de rostros humanos, Búsqueda de imágenes de rostros, Biblioteca de imágenes de rostros
- Hasta 16 bibliotecas de imágenes de rostros
- Hasta 100,000 imágenes de rostros en la biblioteca
- Hasta 10,000 imágenes de rostros en desconocidos.
- Hasta 5,000,000 de imágenes de rostros en captura de rostros (cada imagen \leq 4 MB, capacidad total \leq 20 GB). Comparación de imágenes de rostros (capturadas desde la cámara)



- 16 canales 24 canales para cada motor, Velocidad de comparación: 48 imágenes por segundo.
- Entrada de vídeo IP 16--ch Up to 32 MP.
- HDMI 1 Output 8K (7680×4320)/30Hz,
4K (3840×2160)/60Hz,
4K (3840×2160)/30Hz,
2K (3840×2160)/60Hz,
1920×1080/60Hz(2560×1440)/60Hz
- HDMI 2 Output 4K (3840×2160)/60Hz,
4K (3840×2160)/30Hz,
2K (3840×2160)/30Hz,
2K (2560×1440)/60Hz, 440)/60Hz,
1920×1080/60Hz
- Video Output Mode HDMI 1/VGA1 simultáneos, HDMI1/HDMI2 independiente output.
- CVBS Output1--ch, BNC (1.0 Vp_{ch}, BNC (1.0 Vp--p, 75 p, 75 Ω),), resolution: PAL: 704 × 576, NTSC: 704 × 480
- Salida de audio1--ch, RCA (Linear, 1 KΩ)ch, RCA (Linear, 1 KΩ)

Decodificación: Formato H.265/H.265+/H.264/H.264+

- Decodificación 2-ch@32 MP (30 fps)/2-ch@24 MP (30fps)/4-ch@16 MP (30fps)/8-ch@8 MP (30fps)/16-ch@4 MP (30fps)/32-ch@2 MP (30fps)

Resolución de grabación: 32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3

MP/1080p/UXGA/720p/VGA /4CIF/DCIF/ 2CIF/CIF/QCIF



Protocolo de red: TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, DNS, DDNS, NTP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS,, ONVIF (Versión 2.5), OTAP API ONVIF (profile S/G); SDK; ISAPI.

Interfaz de red: 2x RJ45 ,10/100/1000 Mbps self--adaptive Ethernet interface

Interfaces auxiliares:

- SATA 4 SATA interfaces; 3.5 inch HDD
- Capacidad de hasta 16TB capacity por cada disco HDD.

Interfaz USB Front panel: 2 × USB 2.0; Rear epanel: 1 × USB 3.0.

Alarma: E/S16/4.

Certificación: CE, FCC, IC, CB, KC, UL, Rohs, Reach, WEEE, RCM, UKCA, LOA, BIS FCCPart 15 Subpart B, RCM, UKCA, LOA, BIS ANSI C63.4--2014.2014.



Ítem 3: DS-2CD3146G2-IS(U) 4 MP AcuSense IR Fixed Dome Network Camera

Marca: Hikvision

Cámara: Sensor de imagen 1/3 Progressive Scan CMOS Max. Resolución 2688 × 1520

Iluminación mínima color: 0.003 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR

Tiempo de obturación: 1/3s to 1/100,000



DS-2CD3146G2-IS(U) 4 MP ACUSENSE IR FIXED DOME

Día y Noche IR cut filter **Ajuste de ángulo Pan:** 0° to 355°, tilt: 0° to 75°,

rotate: 0° to 355°.

Lente: foco fijo, 2.8, 4, and 6 mm opcional Montura del lente M12, Apertura F1.4.

Video: Mainstream 50 Hz: 25fps (2688×1520, 1920×1080, 1280×720); 60 Hz: 30fps

Compresión de video Mainstream: H.265/H.264/H.264+/H.265+

Sub stream: h.265/H.264/MJPEG



Red protocolos: TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SFTP, ARP, SNMP, WebSocket, SRTP

Imagen: Wide Dynamic Range (WDR)120 dB, SNR \geq 52 dB, Máscara de privacidad 4 programmable polygon privacy masks

Interfaz: Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port

- Alarma 1 input, 1 output (max. 12 VDC, 30 mA)
- Salida de alimentación 12 VDC, max. 100 mA.
- Alimentation 12 VDC \pm 25%, 0.62 A, max. 7.5 \varnothing 5.5 mm coaxial power plug, reverse polarity W, \varnothing 5.5 mm coaxial power plug, reverse polarity protection.

PoE: IEEE 802.3af, Class 3, max. 9 WP

Eventos: Básico detección de movimiento (soporta disparo por blancos específicos como personas o vehículos)



Ítem 4: DS-2CD2043G2-I(U) 4MP AcuSense Fixed Bullet Network Camera

Marca: Hikvision

Sensor de imagen: 1/3 Progressive Scan CMOS, Iluminación mínima Color: 0.003 Lux @ (F1.4, AGC ON), B/w: 0 Lux with IR

Tiempo de obturación: 1/3 s to 1/100,000 s, Día y Noche IR cut filter

Ajuste de ángulo Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°



DS-2CD2043G2-I(U) 4MP ACUSENSE FIXED BULLET

Lente: Lente Fixed focal lens, 2.8, 4, and 6 mm optional, Focal & FOV 2.8 mm, horizontal FOV: 103°, vertical FOV: 55°, diagonal FOV: 123° Apertura F1.4

- Montura del lente M12

Iluminador: Rango de luz Up a 40 m

Video: Main stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (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)

Compresión de video Main stream: H.265/H.264/H.265+/H.264+ Sub stream:

H.265/H.264/MJPEG Video bitrate 32 Kbps to 8 Mbps.

SAMETEC
Equipos • Programas • Suministros
Tel: 011 4303 904 50

- Codificación de video escalable (SVC) H.264 and H.265 encoding
- Vista en vivo simultánea Up to 6 channels.

Protocolos: DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDPIPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, ARP, , WebSocket.

Imagen: SNR \geq 52 dB.

- Interruptor día/noche Day, Night, Auto, Schedule.
- Wide Dynamic Range (WDR) 120 dB

Interfaz: Ethernet Interface x 1 RJ45 10 M/100 M self-adaptive Ethernet port.

Evento inteligente: Line crossing detection, intrusion detection, region entrance detection, region exiting detection



Ítem 5: 8MP DEEPINVIEW PTRZ MOTO VARIFOCAL DOME CAMERA

Marca: Hikvision

Iluminación mínima color: 0.002 Lux @ (F1.2, AGC ON); B/W: 0.0002 Lux @ (F1.2, AGC ON), 0 Lux with IR

- Tiempo de obturación 1 s to 1/100,000 s
- Día y noche IR cut filter Blue glass module to reduce ghost phenomenon



IDS-2CD7586G2-XZHS(Y) 8MP DEEPINVIEW PTRZ MOTO VARIFOCAL DOME CAMERA

Cámara: Sensor de imagen 1/1.8" Progressive Scan CMOS. Max. Resolución 3840×2160

Ajuste de ángulo Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°

Lente: Focal Length & FOV 2.8 to 12 mm, horizontal FOV: 112.3° to 41.2°, vertical FOV: 58° to 23.1°, diagonal FOV: 137.3° to 47.3° 8 to 32 mm, horizontal FOV: 41.8° to 14.9°, vertical FOV: 22.92° to 8.48°, diagonal FOV: 48.7° to 17°

- Enfoque Auto, Semi auto, Manual
- Apertura 2.8 to 12 mm: F1.2 to F2.5 8 to 32 mm: F1.7 to F1.73



Video: Mainstream 50 Hz: 25 fps (3840×2160, 3072×1728, 2560×1440, 1920×1080, 1280×720) 60Hz: 30 fps (3840×2160, 3072×1728, 2560×1440, 1920×1080, 1280×720)

Compresión de video Main stream: H.265+/H.265/H.264+/H.264.

Sub-stream: MJPEGstream: H.265/H.264/MJPEG.

- Vídeo bitrate 32 Kbps to 16 Mbps.
- Codificación de video escalable (SVC)H.264 y Codificación de video escalable (SVC)H.264 y H.265 con encoding H.265

Protocolos: TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, SFTP, SRTP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, RTCP, 80802.1X, QoS, IPv4, IPv6, UDP, Bonjour, 2.1X, SSL/TLS, WebSocket, SSL/TLS.

Usuario/operador: hasta 32 usuarios 3 niveles de usuario: administrator, operator, and user.

Imagen: Interruptor día/noche Auto, Schedule, Alarm

- Wide Dynamic Range (WDR).

Interfaz: Ethernet Interface 1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet port.

- Alarma1 input, 1 output (max. 24 VDC, 1 A)
- Salida de alimentación12 VDC, max. 100 Ma

Evento: Detección de movimiento (activación de alarma Detección de movimiento (activación de alarma por tipos de objetivos específicos (humanos y por tipos de objetivos específicos (humanos y vehículos), alarma de manipulación de video, excepción (red desconectada, conflicto de excepción (red desconectada, conflicto de dirección IP, inicio de sesión ilegal, reinicio dirección IP, inicio de sesión ilegal, reinicio anormal, HDD lleno, error de HDD), diagnóstico anormal, HDD lleno, error de HDD), diagnóstico de calidad de video, detección de vibración de calidad de video.

- Evento inteligente Detección de cambios de cambios de escena, detección de excepciones de audio, escena, detección de desenfoque.



Ítem 6: 6 MP DeepinView IR Network Fisheye Camera

Marca: Hikvision

Cámara: Sensor de imagen 1/1.8" progressive scan CMOS. Max. Resolución 2560x2560

Iluminación mínima color: 0.01 lux @ (F2.25, AGC ON), B/W: 0.005 lux@ (F2.25, AGC ON), B/W: 0 lux with IR, Día y noche IR cut filter.

Lente: Fixed focal lens, 1.16mm, Focal length & FOV1.16mm, horizontal FOV, 180°
Vertical FOV 180° AperturaF2.25



DS-2CD6365G1-IVS 6 MP DEEPINVIEW IR NETWORK FISHEYE CAMERA

Video: 50 Hz: 25 fps/60 Hz: 30 fps

Fisheye View: 2560x2560, 2048x2048, 1280x1280

180 Panorama View: 2048x1536, 1920x1440.

180 Dual Channel Panorama View: 2048x768, 1920x720

Panorama View: 2048 x 1536, 1920 x 1440

4PTZ View: Cámara 01/cámara 02/cámara 03/cámara 04: 1024x768/1024x768



- Fisheye + 3PTZ VFish View

Cámara 01: 2048×2048, Cámara 02 1024×768, cámara 03 1024×768, /cámara 04: 1024×768

4PTZ Fusion View: 2048×1536, 1600×1200

Compresión de video Main stream: H.265+/H.265/H.264+/ H.264H.

Sub--stream: H.265/H.264/MJPEGstream: +

- Vídeo bitrate 32 Kbps to 16 Mbps
- Codificación de video escalable (SVC) H.264 and H.265 encoding

Modo de decodificación: Support hardware decoding and software decoding

Modo de visualización: 20 display modes in total

Software decoding: fisheye view, 180 panorama view, 360 panorama view, 360

panorama + PTZ, 360 panorama + 3PTZ, 360 panorama + 6PTZ, 360 panorama + 8PTZ,

2PTZ, 4PTZ, fisheye + 3PTZ, fisheye + 8PTZ, hemisphere, AR hemisphere, cylinder,

Hardware decoding: fisheye view, 180 panorama view, 180 dual channel panorama,

panorama view, 4PTZ, fisheye + 3PTZ, 4PTZ fusion

Red: Protocolos TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, 802.1X, QoS, IPv4, IPv6, UDP, B Vista en vivo S, IPv4, IPv6, UDP, B Vista en vivo simultánea hasta 20 canales simultáneamente.

- API Open Network Video Interface (Profile S, API Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUPProfile G, Profile T

Imagen:

- Wide Dynamic Range (WDR) 120 dB
- Máscara de privacidad 8 programmable polygon privacy mask.



Interfaz: Ethernet Interface1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet port.

Micrófono incorporado: 4

- Alarma 2 inputs, 2 outputs (max. 24 VDC, 1 A)

Deep Learning function: Cuenta las personas que entran, salen y pasan por separado (los datos se almacenen en el flash).

- Gestión de colas Admite hasta 8 regiones de Gestión de colas de detección y programa de armado y método de detección independientes.
- Admita 2 modos de detección: personas en cola regional, detección de tiempo de espera.
- Mapa de calor Una descripción gráfica de las visitas (calculando la cantidad de personas o las visitas (calculando la cantidad de personas o el tiempo de permanencia) en un área configurada.



Ítem 7: DS-3E1520HP-SI-16P2T2F Smart Gigabit PoE Pro-Series

Marca: Hikvision

- 16 x 10/100/1000 PoE Ports, 2 x 10/100/1000 Mbps RJ45, 2 x 10/100/1000 Mbps SFP
- Tiene PoE Power Budget 230 W
- 802.1Q VLAN
- 802.3bt Hi-PoE, Max. 90W para un puerto
- STP/RSTP prevencion de loops, control de tormenta
- Detección de falla en el cableado
- SNMP,QoS,DHCP snooping
- Proteccion contra pico de 6kV



DS-3E1520HP-SI-16P2T2F Smart Gigabit PoE Pro-Series

PoE: puertos 1 a 16 (puertos 1 a 4 Hi-PoE hasta 90 W, puertos 5 a 16 hasta 30 W).

Presupuesto total de energía PoE: 230 vatios

Función de software Largo alcance puertos 1 a 16: largo alcance puertos 1 a hasta 300 m, vigilancia de PoE (PoE watchdog), VLAN, aislamiento de puertos, calidad de



servicio (QoS) y prevención de bucles (STP/RSTP), así como agregación de enlaces estáticos.

Aislamiento de puertos 1 a 20: modo de aislamiento de puertos para mejorar la seguridad de la red.

Admite agregación de enlaces estáticos.

- VLAN soporta 802.1Q.
- ID de VLAN configurable desde 1-4094. Soporte troncal, modo de puerto de acceso.
- Soporte máx. 4094 VLAN.

Nota: Los SFP HK-SFP-1.25G Series SFP Module vienen incluidos con el equipo.



Ítem 8: DS-3E1528HP-SI-24P2T2F Smart Gigabit PoE Pro-Series

Marca: Hikvision

- 24 x 10/100/1000 Mbps PoE puertos, 2 x 10/100/1000 Mbps RJ45, 2 x 10/100/1000 Mbps SFP
- Total PoE Power Budget 370 W Capacidad de conmutación 56 Gbps, Caché interno 4.1 Mbits
- 802.1Q VLAN
- 802.3bt Hi-PoE, Max. 90W para un puerto
- POE IEEE estándar: IEEE 802.3af, IEEE 802.3at
- PoE: puertos 1-24
- STP/RSTP prevención de loops, control de tormenta
- Detección de falla en el cableado
- SNMP, QoS, DHCP snooping
- Protección contra pico de 6kV



DS-3E1528HP-SI-24P2T2F Smart Gigabit PoE Pro-Series

Alimentacion PoE:

- Puertos 1 a 4 (Hi-PoE), máx. alimentación por puerto 90 W.
- Puertos 5 a 16 (PoE), máx. alimentación por puerto 30 W.



Presupuesto total de energía PoE: 230 W

Largo alcance puertos 1 a 24: : largo alcance puertos 1 a hasta 300 m, vigilancia de PoE (PoE watchdog), VLAN, aislamiento de puertos, calidad de servicio (QoS) y prevención de bucles (STP/RSTP), así como agregación de enlaces estáticos.

Aislamiento de puertos 1 a 28: modo de aislamiento para mejorar la seguridad de la red.

Admite agregación de enlaces estáticos.

- VLAN Soporta 802.1Q.VLAN .
- ID de VLAN configurable desde 1- a -4094.
- Soporte troncal, modo de puerto de modo de puerto de acceso.
- Soporte máx. 4094 VLAN.

Nota: Los SFP **HK-SFP-1.25G Series SFP Module** vienen incluidos con el equipo.



Ítem 9: SDS-3E1552P-SI 48 Port Gigabit Smart PoE Switch

Marca: Hikvision

- 48 Switch 48 × puerto Gigabit PoE.
- 2 × puerto Gigabit RJ452.
- 2 × puerto de fibra óptica Gigabit
- Tabla de direcciones MAC16K.
- Capacidad de conmutación 104 Gbps o más.
- Caché interno 12 Mbits o más.
- Fuente de alimentación PoE.
- Estándar PoE IEEE 802.3af, IEEE 802.3at



DS-3E1552P-SI SMART MANAGED 48-PORT GIGABIT POE SWITCH SMART

PoE: puertos 1 a 48.

- Máx. puerto de alimentación 30W
- Presupuesto de energía PoE
- 470 vatios.
- Función de software.

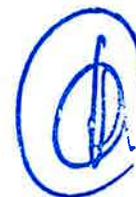
Largo alcance Puertos 1 a 48: hasta 300 m.



Aislamiento de puertos 1 a 48: modo de aislamiento de puertos para mejorar la seguridad de los puertos para mejorar la seguridad de la red.

- Admita agregación de enlaces estáticos.
- VLAN Soporta 802.1Q.
- ID de VLAN configurable desde 1—4094.
- Soporte troncal, modo de puerto de acceso.
- Soporte máx. 4094 VLAN.
- 144 gabinete Rack De 9U
- Ancho 600mm (23.5")
- **Profundidad externa:** 600mm (23.5")
- **Material:** Estructura acero laminado en frío tratado con procesos desengrasantes.
- Puerta abatible de vidrio de 4mm, opaco.
- Montura en pared.

Nota: Los SFP HK-SFP-1.25G Series SFP Module vienen incluidos con el equipo.



SAMETEC
Equipos • Programas • Suministros
RNC No. 130369658



Ítem 10: SmartRack 9U Low-Profile Switch-Depth Wall-Mount Mini Rack Enclosure

Tipo de Rack: Small Enclosure

Color: Negro

Marca: Eaton

Altura del Rack: 9U

Profundidad de Rack: Poco profundo

Profundidad Máxima del Dispositivo (cm): 41.91

Profundidad Máxima del Dispositivo (mm): 419

Profundidad Mínima del Dispositivo (cm): 7.62

Profundidad Mínima del Dispositivo (mm): 76

Dimensiones de la Unidad (Al x An x Pr / cm): 50.5 x 60.02 x 45.16

Peso de la Unidad (kg): 15.88

Capacidad de Peso - Estacionaria (kg): 91

Número de Rieles para Instalación Vertical: 2



SRW9U



Item 11 Gabinete Rack de 7U

Color: Negro

Marca: Eaton

Altura del Rack: 6U

Profundidad de Rack: Poco profundo:

Profundidad Máxima del Dispositivo (cm):41.91

Profundidad Máxima del Dispositivo (mm): 419

Profundidad Mínima del Dispositivo (cm):7.62

Profundidad Mínima del Dispositivo (mm): 76

Dimensiones de la Unidad (Al x An x Pr / cm): 36.83 x 60 x 44.45

Peso de la Unidad (kg): 13.15

Capacidad de Peso - Estacionaria (kg): 91

Número de Rieles para Instalación Vertical: 2



SRW6U

Compatibilidad del Dispositivo: Patch Panel; Network Switch; UPS

Tipo de Rack: Small Enclosure

CARACTERISTICAS/ESPECIFICACIONES FISICAS:



SAMETEC
Equipos • Programas • Suministros
RNC No. 130369658 26

Detalles de Conexión a Tierra: Trasera

ESTÁNDARES Y COMPATIBILIDAD

Certificaciones del Producto: UL 60950-1

Product Compliance: RoHS; EIA/ECA-310-E; UKCA



SAMETEC
Equipos • Programas • Suministros
RNC No. 130369658



Ítem 12: UPS SMART de 1500VA

- UPS SmartSmart.
- Marca: APC
- Capacidad de 1500 VA..
- Voltage de entra y salida 120V AC /120V AC
- Tamaño 2U rack montable2U rack montable.
- Display LCD
- Cantidad de salidas: 6 salidas.



Jorge Luis Garcia Castillo

Representante Legal

SAMETEC
Equipos • Programas • Suministros
RNC No. 130369658





Av. Isabela Aguiar No. 38
Zona Industrial de Herrera, Santo Domingo
Tel: 809-274-2066 / RNC 1-3036965-8

13 de enero de 2026

Señores
Junta Central Electoral
Santo Domingo. R. D.

Atención: **COMITÉ DE COMPRAS Y CONTRATACIONES**

Referencia: **JCE-CCC-LPN-2025-0008**

Asunto: **Aceptación Tiempo y Condiciones de Garantía.**

Distinguidos señores:

Por medio de la presente comunicación hacemos constar que aceptamos el tiempo y condiciones de garantía establecidos en los Pliegos de Condiciones del Proceso de Licitación de referencia.

Atentamente,

Jorge Luis Garcia Castillo
Representante Legal



iDS-7732NXI-M4/X
DeepInMind M Series

Key Feature

- Up to 2-ch@32 MP/2-ch@24 MP/4-ch@12 MP/8-ch@8 MP/16-ch@4 MP/32-ch@1080p decoding capacity
- H.265+/H.265/H.264+/H.264 video formats
- Up to 32-ch IP cameras can be connected
- Intelligent analytics based on deep learning algorithm
- Up to 24-ch perimeter protection
- Up to 16-ch facial recognition for video stream, or up to 32-ch facial recognition for face picture
- Up to 12-ch video structuralization
- Up to 8-ch IP speakers can be connected



Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Dual-stream recording saves bandwidth
- Adopt stream over TLS encryption technology which provides more secure stream transmission service
- Support double verification for playback and downloading

HD Video Output

- Provide independent HDMI and VGA outputs
- HDMI video output at up to 8K resolution or dual 4K resolution

Storage and Playback

- Up to 4 SATA interfaces for HDD connection
- Up to 16-ch synchronous playback

Smart & POS Function

- Support multiple VCA (Video Content Analytics) events
- Configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.), heat map, ANPR, and people counting
- POS information overlay on live view and playback, and POS triggered recording and alarm

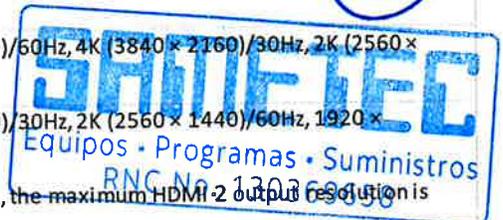
Network & Ethernet Access

- 2 self-adaptive 10/100/1000 Mbps Ethernet interface
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Smooth streaming technology
- Support web access without plug-in



▪ Specification

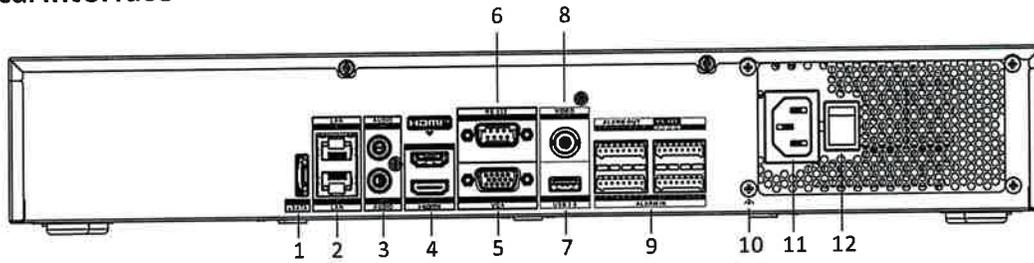
Intelligent Analytics	
AI by NVR	Facial recognition, perimeter protection, video structuralization, AcuSearch
AI by Camera	Facial recognition, perimeter protection, video structuralization, AcuSearch, motion detection 2.0, ANPR, people counting, VCA
Engine	2, each engine can run an intelligent algorithm, engine mode is adjustable
Facial Recognition	
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Face Picture Library	Up to 16 face picture libraries, up to 100,000 face pictures in list library, up to 10,000 face pictures in stranger library, up to 5,000,000 face pictures in face capture (each picture ≤ 4 MB, total capacity ≤ 20 GB)
Face Picture Comparison (Captured from Camera)	32-ch (24-ch for each engine); Comparison speed: 48 pictures per second
Facial Detection and Analytics Performance	16-ch 2 MP (8-ch for each engine), up to 8 MP
AcuSearch	
By Camera	All channels, up to 691,200 targets/day The camera should enable AcuSearch function
By NVR	up to 8-ch, up to 691,200 targets/day
Perimeter Protection	
By NVR	perimeter protection powered by Large Model: 12-ch 2 MP or 8-ch 4MP or 4-ch 8MP perimeter protection without Large Model: 24-ch 2 MP or 16ch-4MP or 8-ch 8MP
By Camera	perimeter protection powered by Large Model with AcuSense cameras: All channels
Video Structuralization	
Structured Analysis	12-ch 2 MP (6-ch for each engine), up to 8 MP
Face Picture Library	Up to 16 face picture libraries, up to 100,000 face pictures in list library, up to 10,000 face pictures in stranger library, up to 5,000,000 face pictures in face capture (each picture ≤ 4 MB, total capacity ≤ 20 GB)
Face Picture Comparison	16-ch; Comparison speed: 32 pictures per second
ANPR	
By Camera	All channels
Vehicle Attributes	Vehicle brand, vehicle color, vehicle type
Plate Attributes	Plate number, license plate color, license plate type
Video and Audio	
IP Video Input	32-ch Up to 32 MP resolution
Incoming Bandwidth	320 Mbps
Outgoing Bandwidth	400 Mbps
HDMI 1 Output	8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz
HDMI 2 Output	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz *: When HDMI 1 output resolution is 8K, the maximum HDMI 2 output resolution is 1080p.



VGA Output	1920 × 1080/60Hz
Video Output Mode	HDMI1/VGA1 simultaneous output, HDMI1/HDMI2 independent output
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)
Decoding	
Decoding Format	H.265/H.265+/H.264/H.264+
Decoding Capability	2-ch@32 MP (30 fps)/2-ch@24 MP (30fps)/4-ch@16 MP (30fps)/8-ch@8 MP (30fps)/16-ch@4 MP (30fps)/32-ch@2 MP (30fps)
Synchronous Playback	16-ch
Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/ 2CIF/CIF/QCIF
Network	
Remote Connection	128
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS, ONVIF(Version 2.2), OTAP
API	ONVIF (profile S/G); SDK; ISAPI
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Camera Access Protocol	ONVIF(Version 2.5), RTSP
Auxiliary Interface	
SATA	4 SATA interfaces; 3.5-inch HDD
eSATA	1 eSATA interface
Capacity	Up to 16 TB capacity for each HDD
Serial Interface	1 RS-232, 1 RS-485 (full-duplex)
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm In/Out	16/4
General	
GUI Language	English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish Language, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonian, Vietnamese, Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazakh, Arabic, Ukrainian, Kyrgyz, Brazilian Portuguese, Indonesian
Power Supply	100 to 240 VAC, 50 to 60 Hz
Consumption	≤ 50 W (without HDD)
Working Temperature	-10 to 55°C (14 to 131° F)
Working Humidity	10 to 90%
Dimension (W × D × H)	440 × 391 × 72 mm (17.3" × 15.4" × 2.8")
Weight	≤ 5 kg (without HDD, 11 lb.)
Certification	
Obtained Certification	CE, FCC, IC, CB, KC, UL, Rohs, Reach, WEEE, RCM, UKCA, LOA, BIS
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032:2015+A1:2020, ENIEC61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019, EN 50130-4:2011+A1:2014, EN 55035:2017+A11:2020



▪ **Physical Interface**



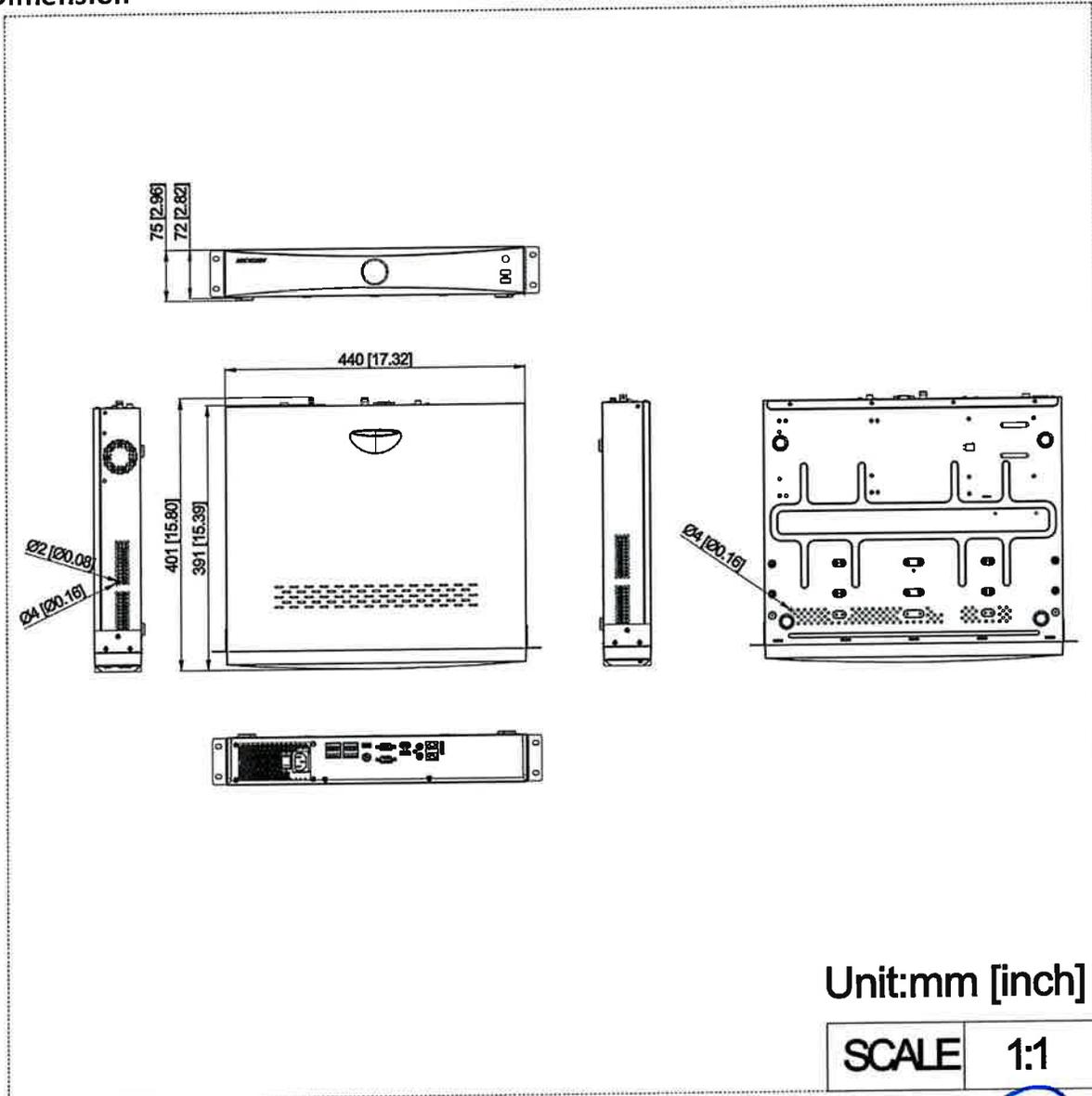
No.	Description	No.	Description
1	eSATA interface	7	USB 3.0 interface
2	LAN 1 and LAN 2 interfaces	8	CVBS video output
3	Audio in and audio out	9	Alarmin, alarm out, and RS-485
4	HDMI 1 and HDMI 2 Interfaces	10	GND
5	VGA output	11	100 to 240 VAC power supply
6	RS-232 serial interface	12	Power switch

▪ **Available Model**

iDS-7732NXI-M4/X



▪ Dimension



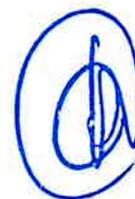
Ⓢ

SAMETEC
Equipos • Programas • Suministros
RNC No. 130369658

See Far, Go Further



www.hikvision.com
support@hikvision.com



iDS-7716NXI-M4/X
DeepInMind M Series

Key Feature

- Up to 2-ch@32 MP/2-ch@24 MP/4-ch@12 MP/8-ch@8 MP/16-ch@4 MP decoding capacity
- H.265+/H.265/H.264+/H.264 video formats
- Up to 16-ch IP cameras can be connected
- Intelligent analytics based on deep learning algorithm
- Up to 16-ch perimeter protection
- Up to 16-ch facial recognition for video stream, or up to 16-ch facial recognition for face picture
- Up to 12-ch video structuralization
- Up to 8-ch IP speakers can be connected



Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Dual-stream recording saves bandwidth
- Adopt stream over TLS encryption technology which provides more secure stream transmission service
- Support double verification for playback and downloading

HD Video Output

- Provide independent HDMI and VGA outputs
- HDMI video output at up to 8K resolution or dual 4K resolution

Storage and Playback

- Up to 4 SATA interfaces for HDD connection
- Up to 16-ch synchronous playback

Smart & POS Function

- Support multiple VCA (Video Content Analytics) events
- Configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.), heat map, ANPR, and people counting
- POS information overlay on live view and playback, and POS triggered recording and alarm



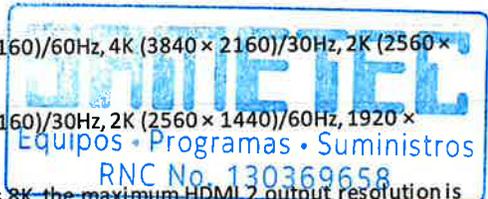
Network & Ethernet Access

- 2 self-adaptive 10/100/1000 Mbps Ethernet interface
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Smooth streaming technology
- Support web access without plug-in



▪ **Specification**

Intelligent Analytics	
AI by NVR	Facial recognition, perimeter protection, video structuralization, AcuSearch
AI by Camera	Facial recognition, perimeter protection, video structuralization, AcuSearch, motion detection 2.0, ANPR, people counting, VCA
Engine	2, each engine can run an intelligent algorithm, engine mode is adjustable
Facial Recognition	
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Face Picture Library	Up to 16 face picture libraries, up to 100,000 face pictures in list library, up to 10,000 face pictures in stranger library, up to 5,000,000 face pictures in face capture (each picture ≤ 4 MB, total capacity ≤ 20 GB)
Face Picture Comparison (Captured from Camera)	16-ch (24-ch for each engine); Comparison speed: 48 pictures per second
Facial Detection and Analytics Performance	16-ch 2 MP (8-ch for each engine), up to 8 MP
AcuSearch	
By NVR	up to 8-ch, up to 691,200 targets/day
By Camera	All channels, up to 691,200 targets/day The camera should enable AcuSearch function
Perimeter Protection	
By NVR	perimeter protection powered by Large Model: 12-ch 2 MP or 8-ch 4MP or 4-ch 8MP perimeter protection without Large Model: 16ch-4MP or 8-ch 8MP
By Camera	perimeter protection powered by Large Model with AcuSense cameras: All channels
Video Structuralization	
Structured Analysis	12-ch 2 MP (6-ch for each engine), up to 8 MP
Face Picture Library	Up to 16 face picture libraries, up to 100,000 face pictures in list library, up to 10,000 face pictures in stranger library, up to 5,000,000 face pictures in face capture (each picture ≤ 4 MB, total capacity ≤ 20 GB)
Face Picture Comparison	16-ch; Comparison speed: 32 pictures per second
ANPR	
By Camera	All channels
Plate Attributes	Plate number, license plate color, license plate type
Vehicle Attributes	Vehicle brand, vehicle color, vehicle type
Video and Audio	
IP Video Input	16-ch Up to 32 MP resolution
Incoming Bandwidth	256 Mbps
Outgoing Bandwidth	256 Mbps
HDMI 1 Output	8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz
HDMI 2 Output	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz *: When HDMI 1 output resolution is 8K, the maximum HDMI 2 output resolution is 1080p.

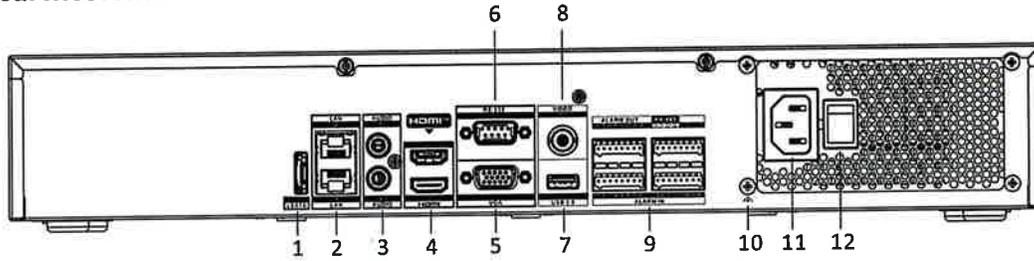


VGA Output	1920 × 1080/60Hz
Video Output Mode	HDMI1/VGA1 simultaneous output, HDMI1/HDMI2 independent output
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)
Decoding	
Decoding Format	H.265/H.265+/H.264/H.264+
Decoding Capability	2-ch@32 MP (30 fps)/2-ch@24 MP (30fps)/4-ch@16 MP (30fps)/8-ch@8 MP (30fps)/16-ch@4 MP (30fps)
Synchronous Playback	16-ch
Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/ 2CIF/CIF/QCIF
Network	
Remote Connection	128
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS, ONVIF(Version 2.2), OTAP
API	ONVIF (profile S/G); SDK; ISAPI
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Camera Access Protocol	ONVIF(Version 2.5), RTSP
Auxiliary Interface	
SATA	4 SATA interfaces; 3.5-inch HDD
eSATA	1 eSATA interface
Capacity	Up to 16 TB capacity for each HDD
Serial Interface	1 RS-232, 1 RS-485 (full-duplex)
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm In/Out	16/4
General	
GUI Language	English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish Language, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonian, Vietnamese, Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazakh, Arabic, Ukrainian, Kyrgyz, Brazilian Portuguese, Indonesian
Power Supply	100 to 240 VAC, 50 to 60 Hz
Consumption	≤ 50 W (without HDD)
Working Temperature	-10 to 55°C (14 to 131° F)
Working Humidity	10 to 90%
Dimension (W × D × H)	440 × 391 × 72 mm (17.3" × 15.4" × 2.8")
Weight	≤ 5 kg (without HDD, 11 lb.)
Certification	
Obtained Certification	CE, FCC, IC, CB, KC, UL, Rohs, Reach, WEEE, RCM, UKCA, LOA, BIS
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032:2015+A1:2020, ENIEC61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019, EN 50130-4:2011+A1:2014, EN 55035:2017+A11:2020



UNITEC
 Equipos • Programas • Suministros
 RNC No. 130369658

▪ Physical Interface



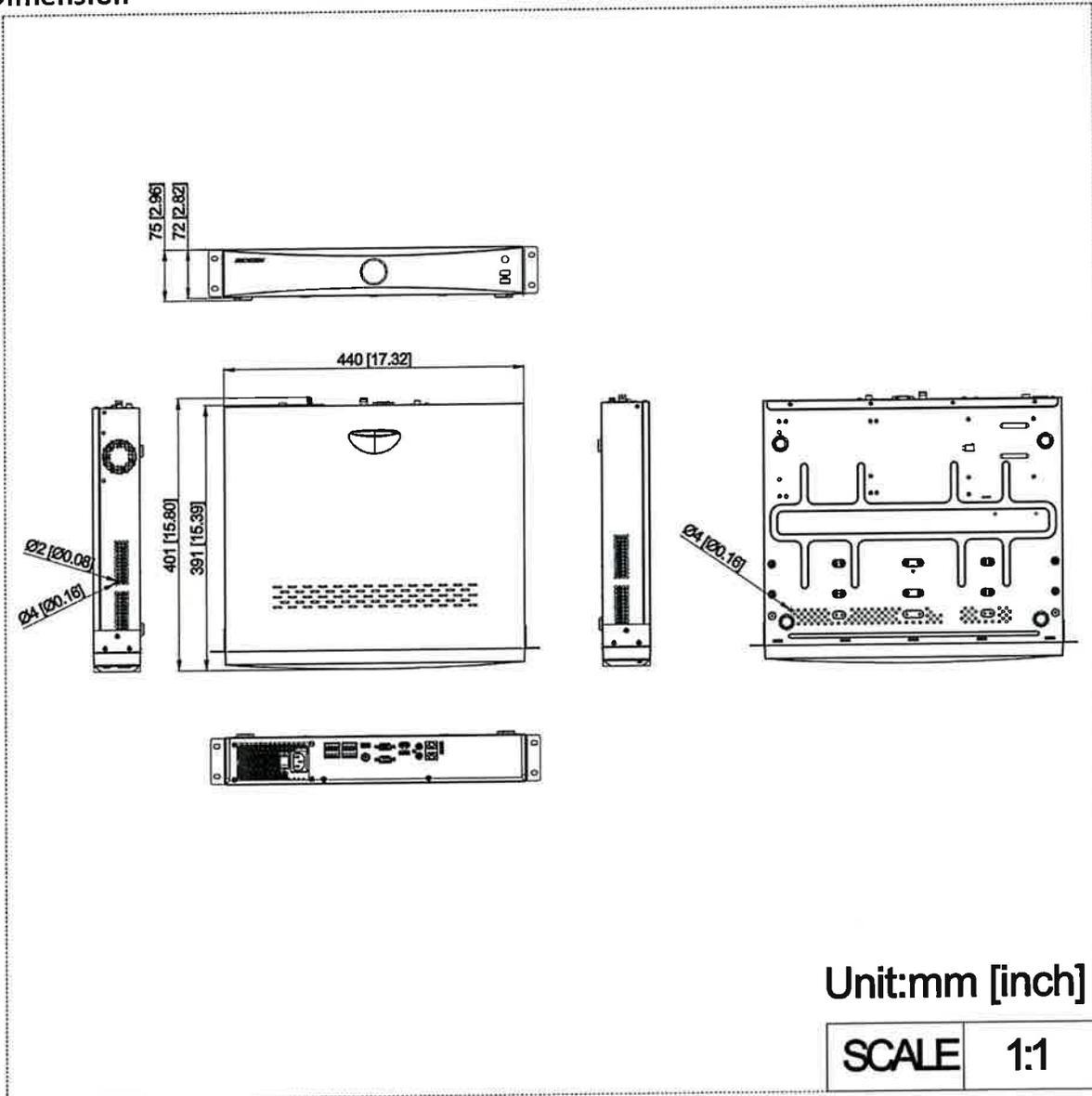
No.	Description	No.	Description
1	eSATA interface	7	USB 3.0 interface
2	LAN 1 and LAN 2 interfaces	8	CVBS video output
3	Audio in and audio out	9	Alarm in, alarm out, and RS-485
4	HDMI 1 and HDMI 2 Interfaces	10	GND
5	VGA output	11	100 to 240 VAC power supply
6	RS-232 serial interface	12	Power switch

▪ Available Model

iDS-7716NXI-M4/X



▪ Dimension



SAMETEC
Equipos • Programas • Suministros
RNC No. 130369658

See Far, Go Further



www.hikvision.com
support@hikvision.com



DS-2CD3146G2-IS(U)
4 MP AcuSense IR Fixed Dome Network Camera

AcuSense

Powered by

DarkFighter



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.

- Supports Hikvision Embedded Open Platform (HEOP) and importing third party applications
- Supports 1.5 Tops computing power, 60 MB system memory, 400 MB smart RAM, and 2 GB eMMC storage for sharing resources
- High quality imaging with 4 MP resolution
- Excellent low-light performance with powered-by-DarkFighter technology
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 120 dB true WDR technology
- Focus on human and vehicle target classification based on deep learning
- Water and dust resistant (IP67) and vandal-resistant (IK10)



▪ Specification

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2688 × 1520
Min. Illumination	Color: 0.003 Lux @ (F1.4, AGC ON),B/W: 0 Lux with IR
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, 4, and 6 mm optional 2.8 mm, horizontal FOV 101°, vertical FOV 54°, diagonal FOV 122°
Focal Length & FOV	4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 99° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 64°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.4
DORI	
DORI	2.8 mm: D: 63 m, O: 25 m, R: 12 m, l: 6 m 4 mm: D: 77 m, O: 30 m, R: 15 m, l: 7 m 6 mm: D: 126 m, O: 50 m, R: 25 m, l: 12 m
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 40 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
HEOP	
Open Resources	Memory: 60 MB, Smart RAM: 400 MB, eMMC: 2 GB
Computing Power	1.5 TOPS
Open Capability	HEOP 2.0 OpendevSDK
Deep Learning Structure	Caffe,PyTorch,TensorFlow,PaddlePaddle, ONNX
Programming Language	C,C++
Video	
Main Stream	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (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)
Target Cropping	Yes
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)
Fourth Stream	50 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360)



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, Fourth stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 8 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)	5 fixed regions for main stream and sub-stream
e-PTZ	Support Patrol and Auto Tracking settings
Audio	
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
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
Environment Noise Filtering	Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SFTP, ARP, SNMP, WebSocket, WebSockets, SRTP
Simultaneous Live View	Up to 6 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, 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 Plug-in required live view: IE 10, IE 11,
Web Browser	Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Image Parameters Switch	Yes
Image Settings	Rotate mode,saturation,brightness,contrast,sharpness,gain,white balance,adjustable by client software or web browser
Day/Night Switch	Day,Night,Auto,Schedule
Wide Dynamic Range (WDR)	120 dB
Image Enhancement	BLC,HLC,3D DNR,Defog
SNR	≥ 52 dB
Privacy Mask	4 programmable polygon privacy masks



Interface	
Ethernet Interface	1 RJ45 10 M/100 M 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), 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)
Built-in Microphone	-U: Yes
Reset Key	Yes
Power Output	12 VDC, max. 100 mA
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)),video tampering alarm,exception
Smart Event	scene change detection,audio exception detection,defocus detection, unattended baggage detection,object removal detection
Linkage	Upload to FTP/NAS/memory card,notify surveillance center,send email,trigger alarm output,trigger recording,trigger capture,audible warning
Deep Learning Function	
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle)
Face Capture	Yes
People Counting	Yes
General	
Power	12 VDC ± 25%, 0.62 A, max. 7.5 W,Ø5.5 mm coaxial power plug,reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 9 W
Dimension	Ø121.5 mm × 97.6 mm (Ø4.8" × 3.8")
Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")
Weight	Approx. 500 g (1.1 lb.)
With Package Weight	Approx. 700 g (1.54 lb.)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
General Function	Heartbeat,anti-banding,mirror,flash log,password reset via email,pixel counter
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
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	UL: UL 62368-1, CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017, BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005, LOA: IEC/EN 60950-1
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
Protection	IP67: IEC 60529-2013,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.

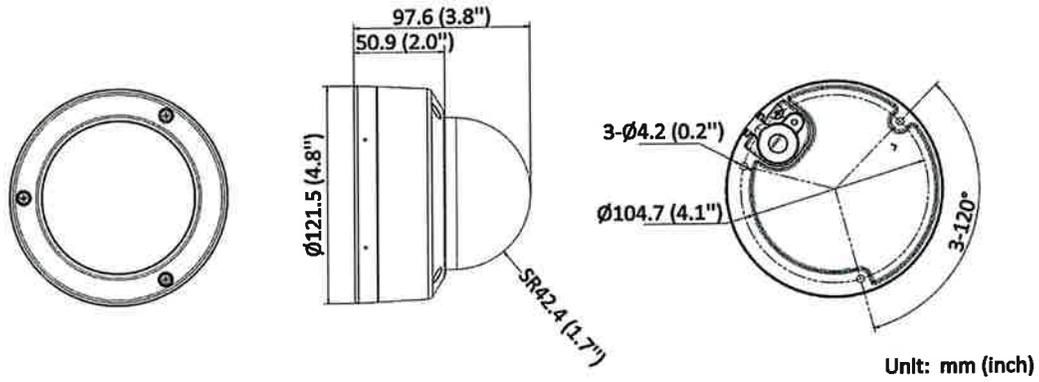
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped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

Available Model

- DS-2CD3146G2-IS(2.8mm)(H)
- DS-2CD3146G2-IS(4mm)(H)
- DS-2CD3146G2-IS(6mm)(H)
- DS-2CD3146G2-ISU(2.8mm)(H)
- DS-2CD3146G2-ISU(4mm)(H)
- DS-2CD3146G2-ISU(6mm)(H)



▪ Dimension



▪ 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



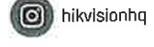
SANTECO
Equipos • Programas • Suministros
RNC No. 130369658



Headquarters
No.555 Dianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
www.hikvision.com



Follow us on social media to get the latest product and solution information.



DS-2CD2043G2-I(U)
4MP AcuSense Fixed Bullet Network Camera

AcuSense



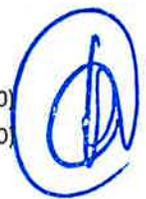
Empowered by deep learning algorithms, Hikvision AcuSense technology brings human and vehicle targets classification alarms to front- and back-end devices. The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness.

- High quality imaging with 4 MP resolution
- Clear imaging against strong backlight due to 120 dB WDR technology
- Efficient H.265+ compression technology
- -U: Built-in microphone for real-time audio security
- Water and dust resistant (IP67)
- Focus on human and vehicle targets classification based on deep learning



• Specification

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR on
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
P/N	P/N
Wide Dynamic Range	120 dB
Day & Night	ICR Cut
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Lens Type & FOV	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 122° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 100° 6 mm, horizontal FOV 52°, vertical FOV 28°, diagonal FOV 61°
Aperture	F1.6
Lens Mount	M12
DORI	
DORI	2.8 mm: D: 67 m, O: 26 m, R: 13 m, I: 6 m 4 mm: D: 80 m, O: 31 m, R: 16 m, I: 8 m 6 mm: D: 120 m, O: 47,m, R: 24,m, I: 12 m
Illuminator	
IR Range	Up to 40 m
Wavelength	850 nm
Video	
Max. Resolution	2688 × 1520
Main Stream	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60Hz: 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)
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
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
H.264+	Main Stream supports
H.265+	Main Stream supports
Bit Rate Control	CBR/VBR
Scalable Video Coding (SVC)	Yes
Region of Interest (ROI)	1 fixed region for main stream and sub-stream
Audio	
Environment Noise Filtering	-U: Yes
Audio Sampling Rate	-U: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz



Audio Compression	-U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
Audio Bit Rate	-U: 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16-64 Kbps (AAC-LC)
Network	
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile G), ISAPI, SDK
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, WebSocket, WebSockets
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Security	Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface
Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
Client	iVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: IE 10, IE 11
Web Browser	Plug-in free live view : Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+
Image	
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Parameters Switch	Yes
Image Settings	Rotate, mirror, privacy mask, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
Interface	
Built-in Microphone	-U: Yes
On-board Storage	Built-in microSD, up to 512 GB
Hardware Reset	Yes
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Event	
Basic Event	Motion detection (human and vehicle targets classification), video tampering alarm, exception
Face Detection	Yes
Deep Learning Function	
Perimeter Protection	Line crossing detection, intrusion detection Supports human and vehicle targets classification
General	
Linkage Method	Upload to FTP/memory card/NAS, notify surveillance center, trigger record, trigger capture 33 languages
Web Client Language	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	Anti-flicker, heartbeat, password reset via e-mail, pixel counter
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)



Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, reverse polarity protection PoE: (802.3af, 36 V to 57 V), Class 3
Power Consumption and Current	12 VDC, 0.5 A, max. 6 W PoE (802.3af, 36 V to 57 V), 0.2 A to 0.13 A, max. 7 W
Power Interface	Ø5.5 mm coaxial power plug
Camera Dimension	Ø70 × 161.7 mm (Ø2.76" × 6.37")
Package Dimension	216 × 121 × 118 mm (8.6" × 4.8" × 4.7")
Camera Weight	Approx. 490 g (1.1 lb.)
With Package Weight	Approx. 724 g (1.6 lb.)

Approval	
EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015)
Environment Protection	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) IP67 (IEC 60529-2013)

▪ Available Model

- DS-2CD2043G2-I (2.8/4/6 mm)
- DS-2CD2043G2-IU (2.8/4/6 mm)

▪ Typical Application

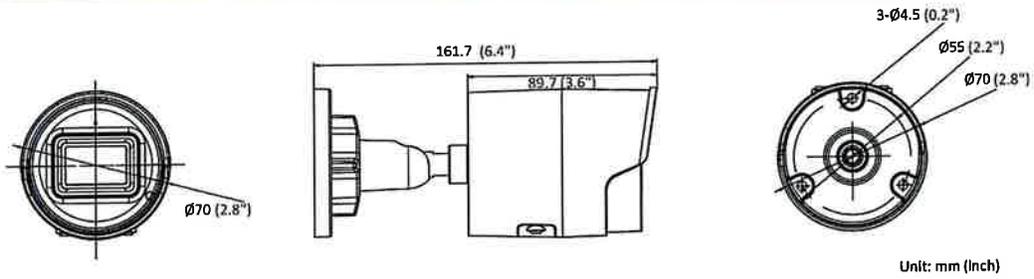
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

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





Unit: mm (Inch)

- Accessory
- Optional

DS-1280ZJ-XS
Junction Box



SAMETEC
Equipos • Programas • Suministros
RNC No. 130369658

Distributed by



HIKVISION®

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6884-4718
sg@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com



Distributed by



HIKVISION®

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com



Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
Info.hk@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com

Distributed by



HIKVISION[®]

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
oversasbusiness@hikvision.com



Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey
T +90 [216]521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 [10] 0351172
sale.africa@hikvision.com

Hikvision France
T +33[0]1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
Info.hk@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Korea
T +82-[0]31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com

iDS-2CD7586G2-XZHS(Y)
8MP DeepinView PTRZ Moto Varifocal Dome Camera

DeepinView^{series}

DarkFighter^{2.0}



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.

- High quality imaging with 8 MP resolution
- Excellent low-light performance via DarkFighter 2.0 technology
- Clear imaging against strong back light due to 140 dB AWDR technology
- Efficient H.265+ compression technology to save bandwidth and storage
- 5 streams to meet a wide variety of applications
- Water and dust resistant (IP67), vandal proof (IK10) and corrosion resistant (NEMA 4X, optional)
- Capture vehicles and humans of different speed clearly via ShotN technology
- High frame rate, up to 8MP@60fps and 2MP@120fps
- Built-in G-sensor for vibration detection
- Built-in power meter for historical power statistics
- Unique PTRZ capability for efficient installation and configuration

SAMETEC
Equipos • Programas • Suministros
PNC No. 130260658



▪ Function

Face Capture

With embedded deep learning based algorithms, the camera is able to give the best shot of a target face through detecting, capturing, grading and selecting. The camera uses face exposure function to dynamically adjust face area exposure of captures and ensures high face picture quality.

Perimeter Protection

With embedded deep learning based target detection and classification algorithms, the camera carries out the duty of perimeter protection, monitoring the actions of line crossing, intrusion, region entrance, and region exiting. The algorithms greatly filter out the mistaken alarm caused by the interference of leaves, lights, animal, flag, etc.

Multi-Target-Type Detection

With the embedded deep learning algorithms, the camera detects and captures the face, human body, vehicle in the specified region.

Queue Management

With embedded deep learning based algorithms, the camera detects queuing-up people number and waiting time of each person. It can generate reports to compare the efficiency of different queuing-ups and display the changing status of one queue, and supports raw data export for further analysis.

Regional People Counting

With the embedded deep learning algorithms, the camera supports people density detection and will upload detection data through scheduled uploading, number of people change uploading and congestion level uploading. It also supports number of people exception detection and waiting time exception detection.

On/Off Duty Detection

With the embedded deep learning algorithms, the camera supports absence detection and on/off duty detection. It can detect the on/off duty status and people number changes in a predefined area.

Heat Map

The camera can generate a graphic description of visits (by calculating amount of people or amount of dwell time) in a configured area.

Multi-Dimension People Counting

With the embedded deep learning algorithms, the camera integrates multiple intelligences. It counts persons and compares them with the built-in face picture library to remove duplicates. It counts persons and reports an alarm simultaneously to achieve both the entrance control and people counting.

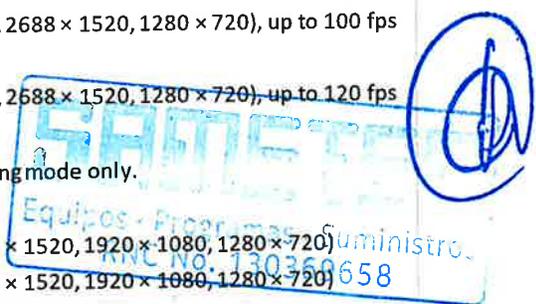
Hard Hat Detection

With the embedded deep learning algorithms, the camera detects the persons in the specified region. It detects whether the person is wearing a hard hat, and reports an alarm if not.



▪ **Specification**

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	3840 × 2160
Min. Illumination	Color: 0.0005 Lux @ (F1.2, AGC ON), B/W: 0.0001 Lux @ (F1.2, AGC ON), B/W: 0 Lux with IR
Shutter Time	1 s to 1/100,000 s
Day & Night	IR cut filter, Blue glass module (less ghost phenomenon)
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 85°, rotate: 0° to 355°
Lens	
Focal Length & FOV	2.8 to 12 mm, horizontal FOV 112.3° to 41.2°, vertical FOV 58.1° to 23.1°, diagonal FOV 137.4° to 47.3° 8 to 32 mm, horizontal FOV 41.8° to 15°, vertical FOV 22.9° to 8.5°, diagonal FOV 48.7° to 17.1°
Lens Type	Varifocal lens, motorized lens, 2.8 to 12 mm and 8 to 32 mm optional
Focus	Auto, Semi-auto, Manual
Iris Type	P-iris
Aperture	2.8 to 12 mm: F1.47 to F2.53, 8 to 32 mm: F1.7 to F1.73
DORI	
DORI	2.8 to 12 mm: D (Detect): 220.0 m, O (Observe): 87.3 m, R (Recognize): 44.0 m, I (Identify): 22.0 m 8 to 32 mm: D (Detect): 580.0 m, O (Observe): 230.2 m, R (Recognize): 116.0 m, I (Identify): 58.0 m The DORI values are calculated using pixel densities for different use cases as recommended by the EN 62676-4 standard.
Illuminator	
Supplement Light Type	IR, White Light
Supplement Light Range	2.8 to 12 mm: Monitoring: 40 m; 8 to 32 mm: Monitoring: 60 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
AI Open Platform	
Model Specification	Up to 4 models, Model type: detection model, classification model, mixed model (detection model and classification model)
Video	
Main Stream	Monitoring mode: 50 Hz: up to 50 fps (3840 × 2160, 3072 × 1728, 2688 × 1520, 1280 × 720), up to 100 fps (1920 × 1080) 60 Hz: up to 60 fps (3840 × 2160, 3072 × 1728, 2688 × 1520, 1280 × 720), up to 120 fps (1920 × 1080) *High frame rate is supported under monitoring mode only. smart mode: 50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2688 × 1520, 1920 × 1080, 1280 × 720)



Sub-Stream	50 Hz: 25 fps (1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1280 × 720, 704 × 480, 640 × 480)
Third Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Fourth Stream	50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480)
Fifth Stream	50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480)
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, Fourth stream: H.265/H.264/MJPEG, Fifth stream: H.265/H.264/MJPEG
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)	4 fixed regions for each stream
Target Cropping	Yes
e-PTZ	Support Patrol and Auto Tracking settings
Audio	
Audio Type	Mono sound
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)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/48 kHz
Environment Noise Filtering	Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DHCP, DNS, DDNS, SRTP, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, ARP, WebSocket, WebSockets
Simultaneous Live View	Up to 20 channels
API	ISAPI, SDK, ISUP, OTAP, ONVIF (Profile S, Profile G, Profile T, Profile M)
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 1.2, TLS 1.3, TPM 2.0 (FIPS 140-2 level 2), AES128/256
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

SHINTEC
Equipos • Programas • Suministros
RNC No. 130360658



Web Browser	Plug-in required live view: IE 10, IE 11, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Safari 11+, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Image Parameters Switch	Yes
Image Settings	Rotate mode,saturation,brightness,contrast,sharpness,white balance,AGC,adjustable by client software or web browser
Day/Night Switch	Day,Night,Auto,Schedule,Alarm Trigger
Wide Dynamic Range (WDR)	140 dB
Image Enhancement	BLC,HLC,3D DNR,Distortion Correction,Defog
Privacy Mask	8 programmable polygon privacy masks
SNR	≥ 52 dB
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24 bit bmp format.
Image Stabilization	EIS
Interface	
Video Output	1 Vp-p Composite Output (75 Ω/CVBS) (Only for debugging)
Ethernet Interface	1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 1 TB
Built-in Microphone	2 built-in microphones
Alarm	2 inputs, 2 outputs (max. 24 VDC/24 VAC, 1 A)
Audio	1 input (line in), 3.5 mm connector, three-contact, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium, 1 output (line out), 3.5 mm connector, three-contact, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium, mono sound
Built-in Speaker	1 built-in speaker
RS-485	1 RS-485 (Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Reset Key	Yes
Power Output	12 VDC, max. 100 mA
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, video quality diagnosis, exception (network disconnected, IP address conflict, illegal login, abnormal restart, HDD full, HDD error), vibration detection
Smart Event	scene change detection, audio exception detection, defocus detection
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture, audible warning
Deep Learning Function	
Multi-target-type Detection	Supports simultaneous detection and capture of human body, face, and vehicle, Gets 7 face features, Gets 13 human body features, Gets 2 vehicle features, Supports counting the number of line crossing targets by type, including human body, non-motor vehicle, motor vehicle, Supports dynamic mosaic mask

SHINETEC
Equipos • Programas • Suministros
RNC No. 130369658



Face Capture	<p>Detects up to 120 faces simultaneously, captures up to 40 face pictures per frame simultaneously and uploads up to 10 face pictures per second,</p> <p>Supports swing left and right from -60° to 60°, tilt up and down from -30° to 30°,</p> <p>Uploads face with background and closed-up face pictures,</p> <p>Supports best shot and quick shot for capture mode,</p> <p>Supports dynamic mosaic mask,</p> <p>Gets 7 face features</p>
Face Comparison	<p>Up to 10 face libraries. 30,000 faces for each library. 150,000 faces in total,</p> <p>Supports face library encryption</p>
People Counting	<p>Supports Multi-Dimension People Counting,</p> <p>Supports counting, displaying and exporting the people flow data of entering, exiting and passing by (The data is stored in the flash.),</p> <p>Supports real-time uploading and uploading by statistic cycle,</p> <p>Supports generating daily, weekly, monthly or annually reports,</p> <p>Supports dynamic deduplication based on face picture comparison, and can filter out the target with the same custom face pictures, same attributes, or filter out repeated invalid targets within the set time interval,</p> <p>Supports face feature deduplication,</p> <p>Supports people flow data replenishment</p>
Queue Management	<p>Supports up to 8 detection regions, and independent arming schedule and linkage method</p> <p>Supports 2 detection modes: regional people queuing-up, waiting time detection</p> <p>Generates reports to compare the efficiency of different queuing-ups and display the changing status of one queue</p> <p>Supports raw data export for further analysis</p> <p>Supports real-time data uploading and scheduled data uploading</p> <p>Regional people queuing-up: supports 4 alarm trigger conditions, including greater than threshold, less than threshold, equal to threshold, not equal to threshold</p> <p>Waiting time detection: supports 1 alarm trigger condition, including greater than threshold</p>
Heat Map	<p>A graphic description of visits (by calculating amount of people or amount of dwell time) in a configured area.,</p> <p>Two report types are available, space heat map and time heat map line chart.</p>
Perimeter Protection	<p>Line crossing, intrusion, region entrance, region exiting</p> <p>Support alarm triggering by specified target types (human and vehicle)</p> <p>Support combined event alarm triggering</p>
Hard Hat Detection	<p>Detects up to 30 human targets simultaneously</p> <p>Supports up to 4 shield regions</p>
Metadata	<p>Intrusion detection, line crossing detection, region entrance detection, region exiting detection, face capture, multi-target-type detection</p>



Regional People Counting	<p>Supports up to 8 detection regions, and independent arming schedule and linkage method</p> <p>Supports 3 detection modes: people density detection, number of people exception detection, waiting time exception detection</p> <p>Supports parameter settings: alarm times per exception, alarm interval, first alarm delay</p> <p>Supports searching real-time number of people</p> <p>People density detection: supports scheduled uploading, number of people change uploading, congestion level uploading</p> <p>Number of people exception detection: supports 6 alarm trigger conditions, including greater than threshold A, less than threshold A, equal to threshold A, not equal to threshold A, greater than threshold A and less than threshold B, less than threshold A or greater than threshold B (threshold A should be less than threshold B)</p> <p>Waiting time exception detection: supports 3 alarm trigger conditions, including greater than threshold A, less than threshold A, greater than threshold A and less than threshold B (threshold A should be less than threshold B)</p>
On/Off Duty Detection	<p>Supports up to 8 detection regions, and independent arming schedule and linkage method</p> <p>Supports 2 detection modes: absence detection, on/off duty detection</p> <p>Supports parameter settings: person on duty, absence duration</p>
General	
Power	<p>12 VDC ± 20%, 2 A, max. 24 W, two-core terminal block,</p> <p>PoE: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.57 A to 0.42 A, max. 24 W</p>
Material	Aluminum alloy body
Dimension	Ø155 mm × 140.4 mm (Ø6.10" × 5.53")
Package Dimension	206 mm × 206 mm × 230 mm (8.12" × 8.12" × 9.06")
Weight	Approx. 1300 g (2.87 lb.)
With Package Weight	Approx. 1980 g (4.37 lb.)
Storage Conditions	-40 °C to 65 °C (-40 °F to 149 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-40 °C to 65 °C (-40 °F to 149 °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, anti-banding, one-key reset, mirror, password protection, flash log
Heater	Yes
Device Management	Supports adding alarm box (DS-FM2466) in the LAN to expand 6 additional input and 6 output alarm interfaces
Approval	
EMC	<p>CE-EMC: EN 55032:2015+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,</p> <p>RCM: AS/NZS CISPR 32: 2015,</p> <p>IC: ICES-003: Issue 7,</p> <p>KC: KN32: 2015, KN35: 2015</p>



Safety	CB: IEC 62368-1:2014+A11, CE-LVD: EN 62368-1:2014/A11:2017, BIS: IS 13252 (Part 1): 2010/IEC 60950-1:2005, LOA: IEC/EN 60950-1
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
Protection	IP67: IEC 60529-2013, IK10: IEC 62262:2002
Anti-Corrosion Protection	-Y: NEMA 4X (NEMA 250-2018)
Other	PVC FREE

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.

With -Y model: This model has MODERATE PROTECTION.
Without -Y model: This model has NO SPECIFIC PROTECTION.

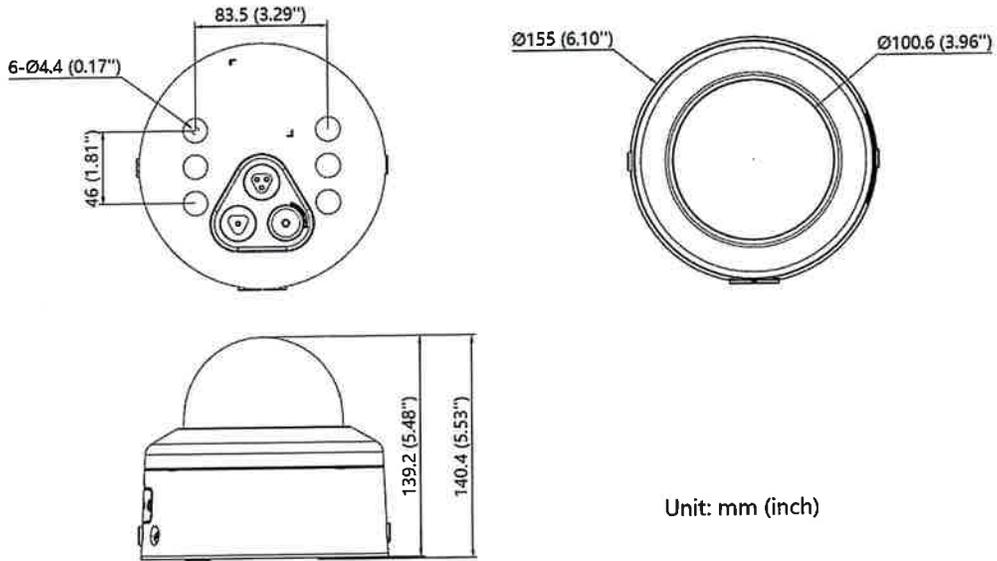
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped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



▪ Available Model

- iDS-2CD7586G2-XZHSY(2.8-12mm)
- iDS-2CD7586G2-XZHSY(8-32mm)
- iDS-2CD7586G2-XZHS(2.8-12mm)
- iDS-2CD7586G2-XZHS(8-32mm)

▪ Dimension



Unit: mm (inch)

▪ Accessory

▪ Optional

DS-1473ZJ-155	DS-1471ZJ-155	DS-1475ZJ-SUS	DS-1476ZJ-SUS	DS-1475ZJ-Y
DS-1476ZJ-Y	DS-1471ZJ-155-Y	DS-1473ZJ-155-Y		



*Anti-corrosion cameras (-Y models) are recommended to be used with anti-corrosion brackets (-Y bracket models).

See Far, Go Further



www.hikvision.com
support@hikvision.com



© Hangzhou Hikvision Digital Technology Co., Ltd. Unless otherwise agreed, Hikvision makes no warranties, express or implied. We reserve the right to introduce modifications without notice.

SHINTEC
Equipos • Programas • Suministros
RNC No. 130369658



HIKVISION

DS-2CD6365G1-IVS
6 MP DeepinView IR Network Fisheye Camera

DeepinView^{series}



DS-2CD6365G1-IVS is a fisheye network camera capable of providing a 360-degree panoramic image of its scene. The progressive scan CMOS sensor provides high-resolution images of up to 2560 × 2560. Up to 20 live view display modes, designed for 3 mount types, meet various user preferences. Three independently controlled IR lights offer a range of 15 m and provide good vision in low or even zero-light environment.

- Heatmap: based on deep learning algorithms, the camera counts people and presents an intuitive map
- Multi dewarping modes: the image can be dewarped to normal image for viewing intuitively
- Built-in mic and speaker: the camera supports two-way audio for real-time audio security monitoring and communication
- Built-in IR light: an IR range of 15 meters provides good visibility in low or even zero-light environments
- High resolution 6 MP: capturing clear images even when dewarped into 4-image PTZ mode
- Each image is clear and detailed
- Water and dust resistant (IP67) and vandal resistant (IK10)

SAMETEL
 Equipos • Programas • Suministros
 RNC No. 130369658

▪ **Specification**

Camera

Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	2560 × 2560
Min. Illumination	Color: 0.01 Lux @ (F2.25, AGC ON),B/W: 0.005 Lux @ (F2.25, AGC ON),B/W: 0 Lux with IR
Shutter Time	1 s to 1/100,000 s
Day & Night	IR cut filter

Lens

Lens Type	Fixed focal lens, 1.16 mm
Focal Length & FOV	1.16 mm, horizontal FOV 180°, vertical FOV 180°
Iris Type	Fixed
Aperture	F2.25
Depth of Field	0.2 m to ∞

DORI

	D: 23.2 m
	O: 9.2 m
DORI	R: 4.6 m
	I: 2.3 m

Illuminator

Supplement Light Type	IR
Supplement Light Range	Up to 15 m
Supplement Light Number	3
Smart Supplement Light	Yes
IR Wavelength	850 nm

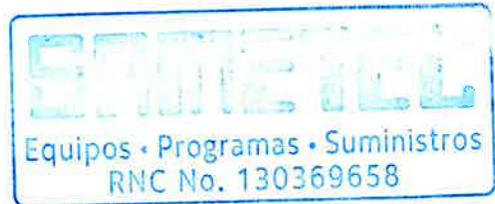
HEOP

Open Resources	Memory: 60 MB, Smart RAM: 800 MB, eMMC: 2 GB
Computing Power	2 TOPS
Open Capability	HEOP 2.0 OpendevSDK
Deep Learning Structure	Caffe, TensorFlow, PyTorch
Programming Language	C, C++

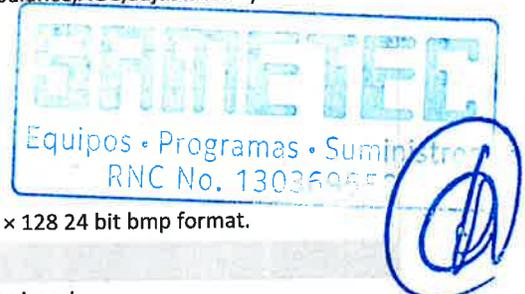


Video

	50 Hz: 25 fps/60 Hz: 30 fps:
	Fisheye View: 2560 × 2560, 2048 × 2048, 1280 × 1280
	180 Panorama View: 2048 × 1536, 1920 × 1440
	180 Dual Channel Panorama View: 2048 × 768, 1920 × 720
Main Stream	Panorama View: 2048 × 1536, 1920 × 1440
	4PTZ View: camera 01/camera 02/camera 03/camera 04: 1024 × 768
	Fisheye + 3PTZ View: camera 01: 2048 × 2048, 1024 × 1024 camera 02/camera 03/camera 04: 1024 × 768
	4PTZ Fusion View: 2048 × 1536, 1600 × 1200
	50 Hz: 25 fps/60 Hz: 30 fps:
	Fisheye View: 720 × 720, 480 × 480
	180 Panorama View: 640 × 480, 320 × 240
	180 Dual Channel Panorama View: 640 × 480, 320 × 240
Sub-Stream	Panorama View: 640 × 360, 320 × 240
	4PTZ View: camera 01/camera 02/camera 03/camera 04: 640 × 480, 320 × 240
	Fisheye + 3PTZ View: camera 01: 720 × 720 camera 02/camera 03/camera 04: 640 × 480, 320 × 240
Video Compression	Main stream: H.265+/H.265/H.264+/ H.264, Sub-stream: H.265/H.264/MJPEG
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)	4 fixed regions for each stream
Fisheye Display	
Mount Type	Support wall/table/ceiling mounting
Decoding Mode	Support hardware decoding and software decoding



Display Mode	20 display modes in total, Software decoding: fisheye view, 180 panorama view, 360 panorama view, 360 panorama + PTZ, 360 panorama + 3PTZ, 360 panorama + 6PTZ, 360 panorama + 8PTZ, 2PTZ, 4PTZ, fisheye + 3PTZ, fisheye + 8PTZ, hemisphere, AR hemisphere, cylinder, Hardware decoding: fisheye view, 180 panorama view, 180 dual channel panorama, panorama view, 4PTZ, fisheye + 3PTZ, 4PTZ fusion
Audio	
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)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/48 kHz
Environment Noise Filtering	Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, ISUP, ARP, WebSocket, WebSockets, SIP
Simultaneous Live View	Up to 20 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T),ISAPI,SDK,ISUP, Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX
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 1.2, 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,iVMS-4500,iVMS-5200,Hik-Connect Plug-in required live view: IE 10, IE 11,
Web Browser	Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Safari 11+, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Image Parameters Switch	Yes
Image Settings	saturation,brightness,contrast,sharpness,white balance,AGC,adjustable by client software or web browser
Day/Night Switch	Day,Night,Auto,Schedule,Alarm Trigger
Wide Dynamic Range (WDR)	120 dB
Image Enhancement	BLC,HLC,3D DNR,Distortion Correction,Defog
Privacy Mask	8 programmable polygon privacy masks
Picture Overlay	LOGO picture can be overlaid on video with 128 x 128 24 bit bmp format.
Interface	
Ethernet Interface	1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB



Built-in Microphone	Yes, 4 built-in microphones
Built-in Speaker	Yes, 1 built-in speaker
Audio	1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 Vpp, input impedance: 4.7 K Ω , interface type: non-equilibrium, 1 output (line out), 3.5 mm connector, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω , interface type: non-equilibrium
Alarm	2 inputs, 2 outputs (max. 24 VDC, 1 A)
RS-485	1 RS-485 (Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Reset Key	1 Reset Key

Event	
Basic Event	Motion detection, video tampering alarm, alarm input and output, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, scene change detection, audio exception detection, defocus detection, unattended baggage detection, object removal detection
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture

Deep Learning Function

People Counting	Counts people entering, exiting and passing by separately (The data is stored in the flash.) Supports real-time uploading and uploading by statistic cycle Sends email reports on daily, weekly, monthly or annually basis Supports up to 3 detection regions, and independent arming schedule and linkage method Supports up to 8 detection regions, and independent arming schedule and linkage method Supports 2 detection modes: regional people queuing-up, waiting time detection Generates reports to compare the efficiency of different queuing-ups and display the changing status of one queue
Queue Management	Supports raw data export for further analysis Supports real-time data uploading and scheduled data uploading Regional people queuing-up: supports 4 alarm trigger conditions, including greater than threshold, less than threshold, equal to threshold, not equal to threshold Waiting time detection: supports 1 alarm trigger condition, including greater than threshold
Heat Map	A graphic description of visits (by calculating amount of people or amount of dwell time) in a configured area., Two report types are available, space heat map and time heat map line chart.
Intersection Analysis	Detects and analyze flow in an intersection-like scene, and generate reports Support one intersection of up to 10 ways

General	
Power	12 VDC \pm 20%, 1 A, max. 11.5 W, two-core terminal block, PoE: IEEE 802.3af, Class 3, max. 12.5 W
Material	Metal
Dimension	\varnothing 140.3 mm \times 59.4 mm (\varnothing 5.5" \times 2.3")
Package Dimension	260 mm \times 230 mm \times 135 mm (10.2" \times 9.1" \times 5.3")

Equipos • Programas • Suministros
RNC No. 130369658

Equipos • Programas • Suministros
RNC No. 130369658



Weight	Approx. 715 g (1.58 lb.)
With Package Weight	Approx. 1206 g (2.66 lb.)
Storage Conditions	-40 °C to 60 °C (-40 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-40 °C to 60 °C (-40 °F to 140 °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, flash log, password reset via email, password protection, one-key reset, anti-banding
Heater	Yes
Cable Length	0.31 m (1.02 ft.)

Approval	
EMC	CE-EMC: EN 55032:2015+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, EN 50121-4:2016+A1:2019, RCM: AS/NZS CISPR 32: 2015, IC: ICES-003: Issue 7, KC: KN32: 2015, KN35: 2015 UL: UL 62368-1,
Safety	CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017, BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005 CE-RoHS: 2011/65/EU,
Environment	WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
Protection	IP67: IEC 60529-2013, 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.

Equipos, Programar, Suministros
RNC No. 130369658

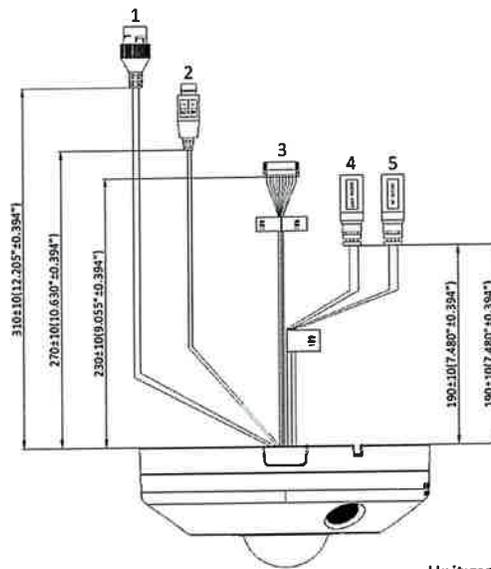


No specific protection

Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

▪ **Physical Interface**

No.	Interface Description
1	Network Interface
2	Power Interface
3	Alarm Interface, RS-485
4	Audio Output Interface
5	Audio Input Interface



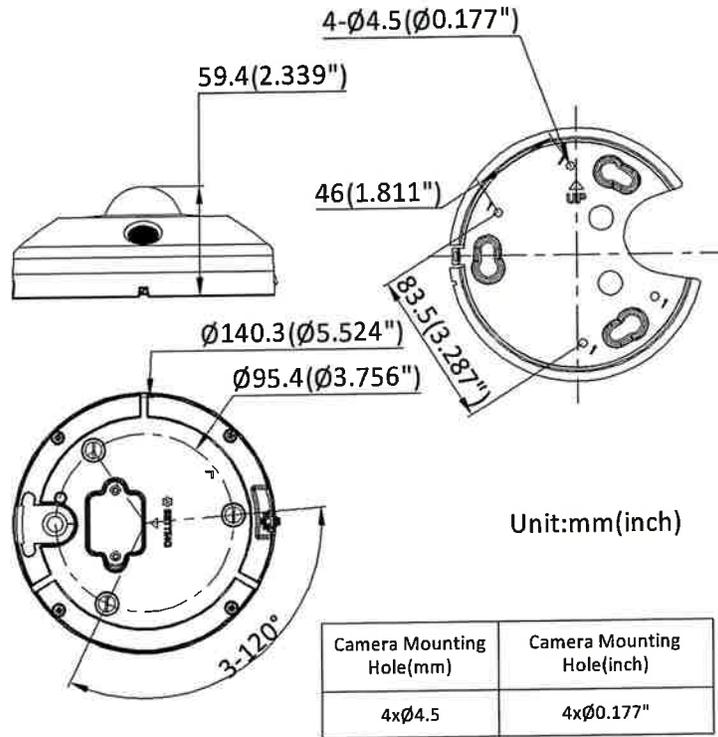
Unit:mm(inch)

▪ **Available Model**

DS-2CD6365G1-IVS(1.16mm)

SANETEC
 Equipos • Programas • Suministros
 RNC No. 130369658

▪ Dimension



▪ Accessory

▪ Optional

DS-1273ZJ-140 Wall mount	DS-1273ZJ-140B Wall mount	DS-1271ZJ-140 Pendant Mount	DS-1275ZJ-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount
-----------------------------	------------------------------	--------------------------------	--------------------------------------	-------------------------------



SHOMETEC
 Equipos • Programas • Suministros
 RNC No. 130369658



DS-2280ZJ-WA140
Junction box



**It is recommended to use DS-1276ZJ-SUS and DS-1275ZJ-SUS with DS-1273ZJ-140 or DS-1273ZJ-140B.*

SAFETY
Equipos • Programas • Suministros
RNC No. 130369658



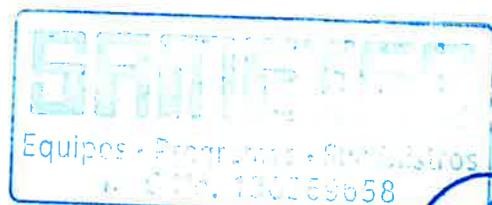
See Far, Go Further



www.hikvision.com
support@hikvision.com



© Hangzhou Hikvision Digital Technology Co., Ltd. Unless otherwise agreed, Hikvision makes no warranties, express or implied. We reserve the right to introduce modifications without notice.



HIKVISION

DS-3E1518P-EI/M 16 Port Gigabit Smart PoE Switch



Smart managed switches are developed by Hikvision, featuring easy management and maintenance. You can easily deploy, monitor, and expand your video security system anytime and anywhere with our software platforms. You can view the network topology, monitor the health of the network, and receive device alarms in real time, which greatly reduces the cost of network operation and maintenance.

- 18 x gigabit PoE RJ45 ports, 2 x gigabit RJ45 port, 2 x gigabit fiber optical port
- Total PoE power budget 230 W
- Unified cloud management for security systems
- Network topology at your fingertips
- Remote troubleshooting
- Visualized topology management
- Up to 300 m long-range PoE transmission
- 6 kV surge protection



Specification

General

Shell	Metal material
Net Weight	2.7 kg (5.9 lb)
Gross Weight	2.9 kg (6.4 lb)
Dimensions (W × H × D)	440.0 mm × 44.0 mm × 220.8 mm (17.32" × 1.73" × 8.69")
Operating Temperature	0 °C to 45 °C (0 °F to 113 °F)
Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Operating Humidity	5% to 95% (no condensation)
Relative Humidity	5% to 95% (no condensation)
Power Supply	100~240 V AC, 50/60 Hz, Max. 2.5 A
Installation Mode	Rack (equipped with mounting ears)
Max. Power Consumption	150 W
Power Consumption in Idle	20 W
Surge Protection	6 kV

Network Parameters

Ports	16 × Gigabit PoE port, 1 × Gigabit RJ45 port, 1 × Gigabit fiber optical port
MAC Address Table	8 K
Switching Capacity	56 Gbps
Packet Forwarding Rate	41.66 Mpps
Internal Cache	4.1 Mbits

PoE Power Supply

PoE Standard	IEEE 802.3af, IEEE 802.3at
PoE Power Pin	8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)
PoE Port	PoE: Ports 1 to 16
Max. Port Power	30 W
PoE Power Budget	130 W

Software Function

Long Range	Ports 1 to 16: up to 300 m. Long range performance may vary depend on camera model or cable condition.
Port Isolation	Ports 1 to 16: port isolation mode to improve network security. Ports in an isolation group cannot communicate with each other, but they can communicate with ports outside the isolation group.
PoE Watchdog	Ports 1 to 16: auto detect and restart the cameras that do not respond.
Link Aggregation	Link aggregation is used to aggregate multiple physical ports to form a logical port for load balancing, bandwidth expansion, and port protection. Support static link aggregation. Support 8 aggregation groups.
Loop Prevention	Loop prevention is used to prevent the switching network from forming loops, which will seriously affect network communication. Disabled by default. Support 802.1D STP. Support 802.1w RSTP.



VLAN	<p>VLAN is used for network scale planning and network health improvement.</p> <p>Support 802.1Q.</p> <p>Configurable VLAN ID from 1-4094.</p> <p>Support Trunk, Access port mode.</p> <p>Support Max. 32 VLAN.</p> <p>Support one-click activation and remote management via Hik-Partner Pro. Functions supported:</p>
HPP	<ol style="list-style-type: none"> 1. Display the port rate. 2. Display the port bandwidth utilization rate. 3. Display the PoE power usage. 4. Display topology information. 5. Display the alarm status. 6. Restart ports and devices. 7. Enable port long-range mode. 8. Remotely upgrade the device.
System Maintenance	<p>Support device management via web.</p> <p>Support DHCP Client. Enabled by default for dynamic assignment of management IP addresses.</p> <p>Support Super IP, which is a fixed IP address (10.180.190.200) for direct access.</p> <p>Support remote management via Hik-Partner Pro.</p> <p>Support cable detection. Abnormal open circuits and short circuits as well as network cable length can be detected.</p> <p>Support 802.1ab LLDP for peer device discovery.</p> <p>Support port mirroring for fault locating.</p>
Approval	
EMC	<p>CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020)</p>
Safety	<p>CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)</p>
Chemistry	<p>CE-RoHS (201165EU);</p> <p>WEEE (201219EU);</p> <p>Reach (Regulation (EC) No.19072006)</p>



See Far, Go Further



www.hikvision.com
support@hikvision.com



DS-3E1526P-EI 24-Port Gigabit Smart PoE Switch



Smart managed switches are developed by Hikvision, featuring easy management and maintenance. You can easily deploy, monitor, and expand your video security system anytime and anywhere with our software platforms. You can view the network topology, monitor the health of the network, and receive device alarms in real time, which greatly reduces the cost of network operation and maintenance.

- 24 x gigabit PoE RJ45 ports, 1 x gigabit RJ45 port, 1 x gigabit fiber optical port
- Total PoE power budget 370 W
- Unified cloud management for security systems
- Network topology at your fingertips
- Remote troubleshooting
- Visualized topology management
- Up to 300 m long-range PoE transmission
- 6 kV surge protection



▪ **Specification**

General

Shell	Metal material
Net Weight	3.1 kg (6.83 lb)
Gross Weight	3.3 kg (7.27 lb)
Dimensions (W × H × D)	440.0 mm × 220.8 mm × 44.0 mm (17.32" × 8.69" × 1.73")
Operating Temperature	0 °C to 45 °C (32 °F to 113 °F)
Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Operating Humidity	5% to 95% (no condensation)
Relative Humidity	5% to 95% (no condensation)
Power Supply	100~240 V AC, 50/60 Hz, Max. 6.3 A
Installation Mode	Rack (equipped with mounting ears)
Max. Power Consumption	400 W
Power Consumption in Idle	30 W
Surge Protection	6 kV

Network Parameters

Ports	24 × Gigabit PoE port, 1 × Gigabit RJ45 port, 1 × Gigabit fiber optical port
MAC Address Table	8 K
Switching Capacity	56 Gbps
Packet Forwarding Rate	41.66 Mpps
Internal Cache	4.1 Mbits

PoE Power Supply

PoE Standard	IEEE 802.3af, IEEE 802.3at
PoE Power Pin	8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)
PoE Port	PoE: Ports 1 to 24
Max. Port Power	30 W
PoE Power Budget	370 W

Software Function

Long Range	Ports 1 to 24: up to 300 m. Long range performance may vary depend on camera model or cable condition.
PoE Watchdog	Ports 1 to 24: auto detect and restart the cameras that do not respond.
Link Aggregation	Link aggregation is used to aggregate multiple physical ports to form a logical port for load balancing, bandwidth expansion, and port protection. Support static link aggregation. Support 8 aggregation groups.
Loop Prevention	Loop prevention is used to prevent the switching network from forming loops, which will seriously affect network communication. Disabled by default. Support 802.1D STP. Support 802.1w RSTP.
VLAN	VLAN is used for network scale planning and network health improvement. Support 802.1Q. Configurable VLAN ID from 1-4094. Support Trunk, Access port mode. Support Max. 32 VLAN.



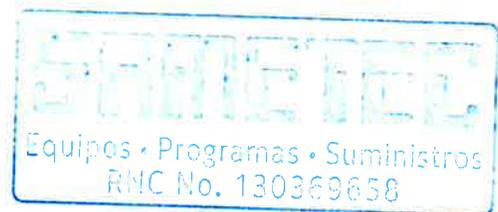
Port Isolation	<p>Ports 1 to 24: port isolation mode to improve network security.</p> <p>Ports in an isolation group cannot communicate with each other, but they can communicate with ports outside the isolation group.</p> <p>Support device management via web.</p> <p>Support DHCP Client. Enabled by default for dynamic assignment of management IP addresses.</p> <p>Support Super IP, which is a fixed IP address (10.180.190.200) for direct access.</p>
System Maintenance	<p>Support remote management via Hik-Partner Pro.</p> <p>Support cable detection. Abnormal open circuits and short circuits as well as network cable length can be detected.</p> <p>Support 802.1ab LLDP for peer device discovery.</p> <p>Support port mirroring for fault locating.</p> <p>Support one-click activation and remote management via Hik-Partner Pro. Functions supported:</p> <ol style="list-style-type: none"> 1. Display the port rate. 2. Display the port bandwidth utilization rate. 3. Display the PoE power usage. 4. Display topology information. 5. Display the alarm status. 6. Restart ports and devices. 7. Enable port long-range mode. 8. Remotely upgrade the device.
HPP	

Approval

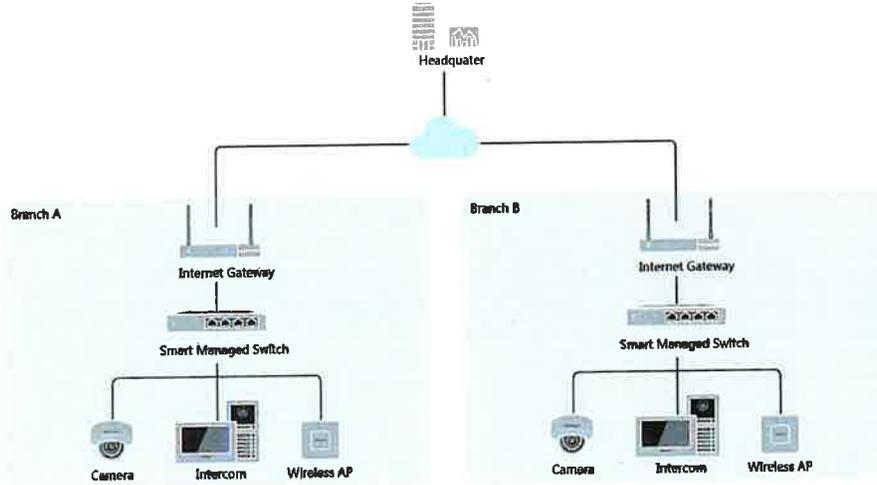
EMC	CE-EMC (EN 55032: 2015, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011 +A1: 2014, EN 55035: 2017);
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005, AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition)); CE-LVD (EN 60950-1: 2006 + A11: 2009 +A1: 2010+A12: 2011+A2: 2013, EN 62368-1: 2014+A11: 2017)
Chemistry	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No.1907/2006)

▪ Available Model

- DS-3E1526P-EI
- DS-3E1526P-EI V2



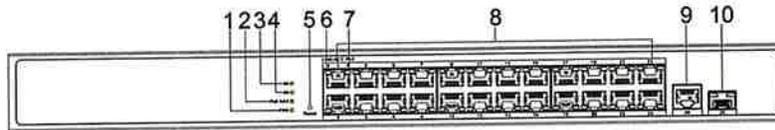
▪ Typical Application



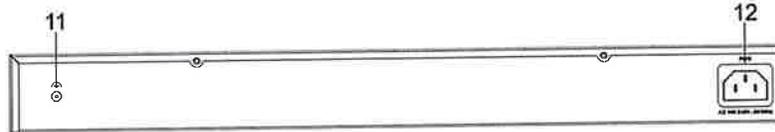
Equipos • Programas • Suministros
RNC No. 130369658

Physical Interface

Front Panel



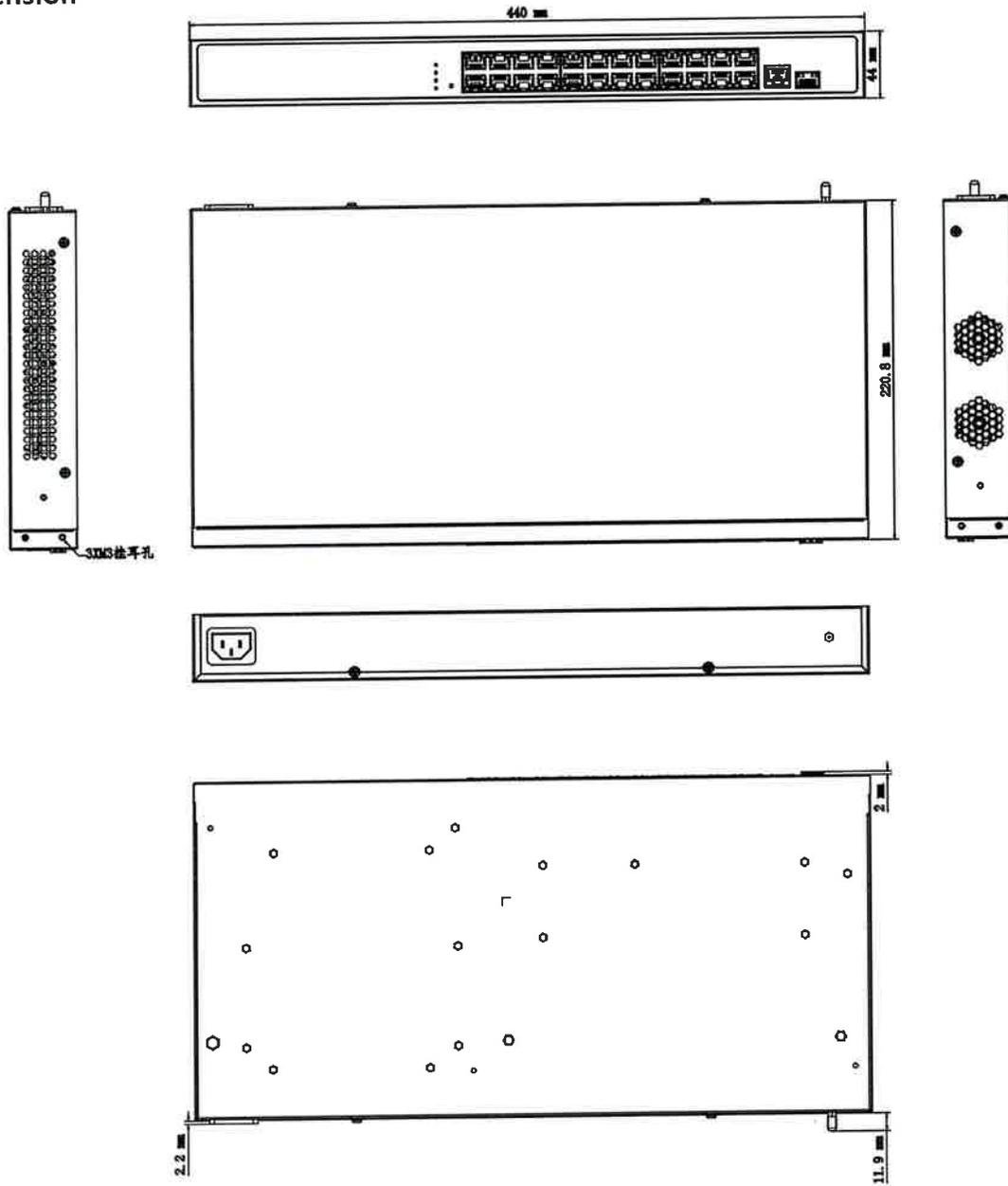
Rear Panel



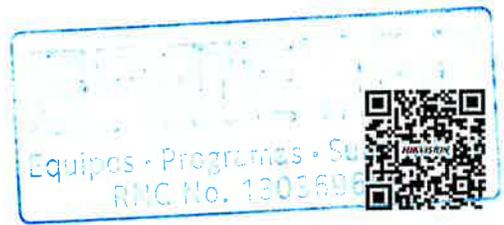
No.	Indicator/Port	Description
1	PWR Indicator	<ul style="list-style-type: none"> ● Solid on: The switch is powered on normally. ● Unlit: No power supply is connected or power supply is abnormal.
2	PoE-MAX Indicator	<ul style="list-style-type: none"> ● Solid on/Flashing: The output power of the switch is about to reach or has reached the upper limit. The power supply may be abnormal if more devices are connected. ● Unlit: The switch does not supply power to a powered device (PD), or supplies power to a PD normally and its output power does not reach the upper limit. (About 5 seconds after the output power of the switch returns to normal, the PoE-MAX indicator will be unlit.)
3	Gigabit RJ45 Port Indicator (Port 25)	<ul style="list-style-type: none"> ● Solid on: The port is connected. ● Flashing: The port is transmitting data. ● Unlit: The port is disconnected or connection is abnormal.
4	Gigabit SFP Fiber Optical Port Indicator (Port 26)	<ul style="list-style-type: none"> ● Solid on: The gigabit SFP fiber optical port is connected. ● Flashing: The gigabit SFP fiber optical port is transmitting data. ● Unlit: The gigabit SFP fiber optical port is disconnected or connection is abnormal.
5	Reset Button	Used for restoring all the configurations of the switch to the default settings.
6	LINK/ACT Indicator	<ul style="list-style-type: none"> ● Solid on: The port is connected. ● Flashing: The port is transmitting data. ● Unlit: The port is disconnected or connection is abnormal.
7	PoE Indicator	<ul style="list-style-type: none"> ● Solid on: The switch supplies power to a PD normally. ● Unlit: The switch is disconnected from a PD or power supply is abnormal.
8	Gigabit PoE RJ45 Port	Used for connection to a PD via a network cable.
9	Gigabit RJ45 Port (Port 25)	Used for connection to another device via a network cable.
10	Gigabit SFP Fiber Optical Port (Port 26)	Used for connection to another device via an optical fiber when plugged into with an optical module.
11	Grounding Terminal	Used for connecting to the grounding cable to protect the switch from lightning.
12	Power Supply	Use the attached power cord to connect the switch to a socket.

Equipos • Programas • Suministros
RINC No. 130369658

Dimension



Headquarters
 No.555 Qianmo Road, Binjiang District,
 Hangzhou 310051, China
 T +86-571-8807-5998
 www.hikvision.com



Follow us on social media to get the latest product and solution information.



DS-3E1552P-SI 48 Port Gigabit Smart PoE Switch



Smart managed switches are developed by Hikvision, featuring easy management and maintenance. You can easily deploy, monitor and expand your surveillance system anytime and anywhere with our software platforms. You can view the network topology, monitor the health of the network and receive device alarms in real time, which greatly reduces the cost of network operation and maintenance.

- 48 x 10/100/1000M PoE Ports, 2 x gigabit RJ45, 2 x gigabit SFP
- Total PoE Power Budget 470 W
- Support energy saving mode with user-configurable plans
- Support IEEE 802.1Q VLAN tagging
- Support STP/RSTP/ERPS loop prevention with storm control
- Support cable detection to locate failure
- Support SNMP, QoS, DHCP snooping, and ARP anti-spoofing
- Support 6 kV surge protection



- Specification

General

Shell	Metal material
Net Weight	4.35 kg (9.59 lb)
Gross Weight	4.5 kg (9.92 lb)
Dimensions (W × H × D)	440.00 mm × 44.00 mm × 323.80 mm (17.32" × 1.73" × 12.71")
Operating Temperature	0 °C to 45 °C (0 °F to 113 °F)
Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Operating Humidity	5% to 95% (no condensation)
Relative Humidity	5% to 95% (no condensation)
Power Supply	100 to 240 V AC, 50/60 Hz, Max. 7.5 A
Installation Mode	Rack (equipped with mounting ears)
Max. Power Consumption	500 W
Power Consumption in Idle	30 W
Surge Protection	6 kV

Network Parameters

Ports	48 × Gigabit PoE port, 2 × Gigabit RJ45 port, 2 × Gigabit fiber optical port
MAC Address Table	16 K
Switching Capacity	104 Gbps
Packet Forwarding Rate	77.38 Mpps
Internal Cache	12 Mbits

PoE Power Supply

PoE Standard	IEEE 802.3af, IEEE 802.3at
PoE Power Pin	8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)
PoE Port	PoE: Ports 1 to 48
Max. Port Power	30 W
PoE Power Budget	470 W

Software Function

Long Range	Ports 1 to 48: up to 300 m. Long range performance may vary depend on camera model or cable condition.
Port Isolation	Ports 1 to 52: port isolation mode to improve network security Ports in an isolation group cannot communicate with each other, but they can communicate with ports outside the isolation group.
PoE Watchdog	Ports 1 to 48: auto detect and restart the cameras that do not respond.
Link Aggregation	Link aggregation is used to aggregate multiple physical ports to form a logical port for load balancing, bandwidth expansion, and port protection. Support static link aggregation. Support 8 aggregation groups.
QoS	QoS is used to allocate bandwidth to different services so as to provide end-to-end service quality assurance. Support port-based priority configuration. Support SP, WRR priority schedule mode.



Loop Prevention	<p>Loop prevention is used to prevent the switching network from forming loops, which will seriously affect network communication. Disabled by default.</p> <p>Support 802.1D STP.</p> <p>Support 802.1w RSTP.</p> <p>Support G.8032 ERPS.</p>
VLAN	<p>VLAN is used for network scale planning and network health improvement.</p> <p>Support 802.1Q.</p> <p>Configurable VLAN ID from 1-4094.</p> <p>Support Trunk, Access port mode.</p> <p>Support Max. 4094 VLAN.</p>
HPP	<p>Support one-click activation and remote management via Hik-Partner Pro. Functions supported:</p> <ol style="list-style-type: none"> 1. Display the port rate. 2. Display the port bandwidth utilization rate. 3. Display the PoE power usage. 4. Display topology information. 5. Display the alarm status. 6. Restart ports and devices. 7. Enable port long-rage mode. 8. Remotely upgrade the device.
System Maintenance	<p>Support device management via web.</p> <p>Support DHCP Client. Enabled by default for dynamic assignment of management IP addresses.</p> <p>Support Super IP, which is a fixed IP address (10.180.190.200) for direct access.</p> <p>Support management via Hik-Central Pro.</p> <p>Support remote management via Hik-Partner Pro.</p> <p>Support cable detection. Abnormal open circuits and short circuits as well as network cable length can be detected.</p> <p>Supports 802.1ab LLDP for peer device discovery.</p> <p>Support port mirroring for fault locating.</p>
Port Rate-Limiting	<p>Port rate-limiting is used for port bandwidth adjustment to prevent network congestion.</p>
Storm Control	<p>Storm control is used to prevent switch ports from being blocked by broadcast or multicast storms in the LAN, which may affect network communication.</p> <p>Support port rate limiting based on broadcast, multicast, and unknown unicast packets.</p>
DHCP Snooping	<p>DHCP Snooping can prevent unauthorized connections to DHCP servers from disrupting the network and affecting normal network communication, and only allow DHCP packets from trusted ports to pass through. Disable by default.</p>
ACL	<p>Port security strategy.</p> <p>Support up to 64 ACL entries.</p> <p>Support up to 128 configuration rules under all ACL entries.</p>
IPSG	<p>IPSG can control the security of port access device.</p> <p>Support port, MAC, IP binding.</p> <p>Support 256 security entries.</p>



Approval

EMC

CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020)

Safety

CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)

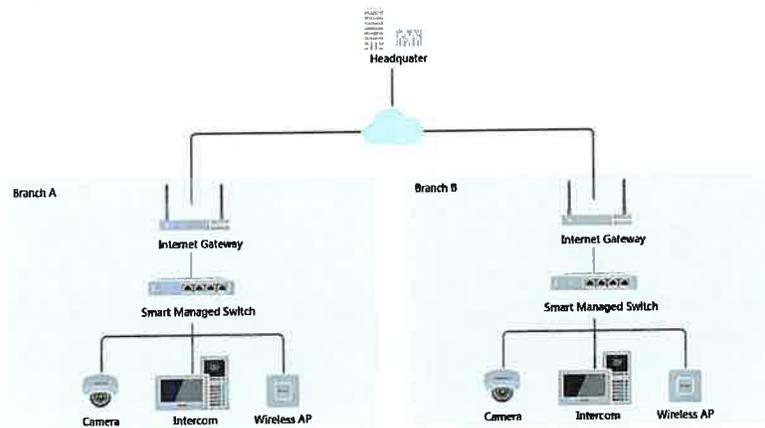
Chemistry

CE-RoHS (201165EU);
WEEE (201219EU);
Reach (Regulation (EC) No.19072006)

Available Model

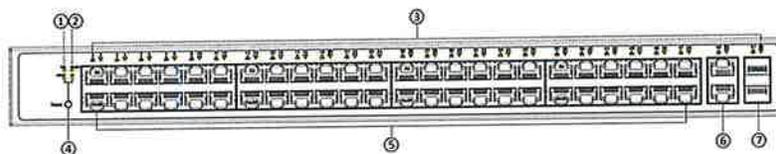
DS-3E1552P-SI

Typical Application

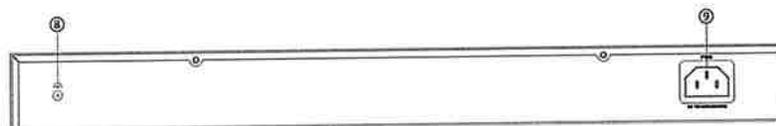


Physical Interface

Front Panel



Rear Panel

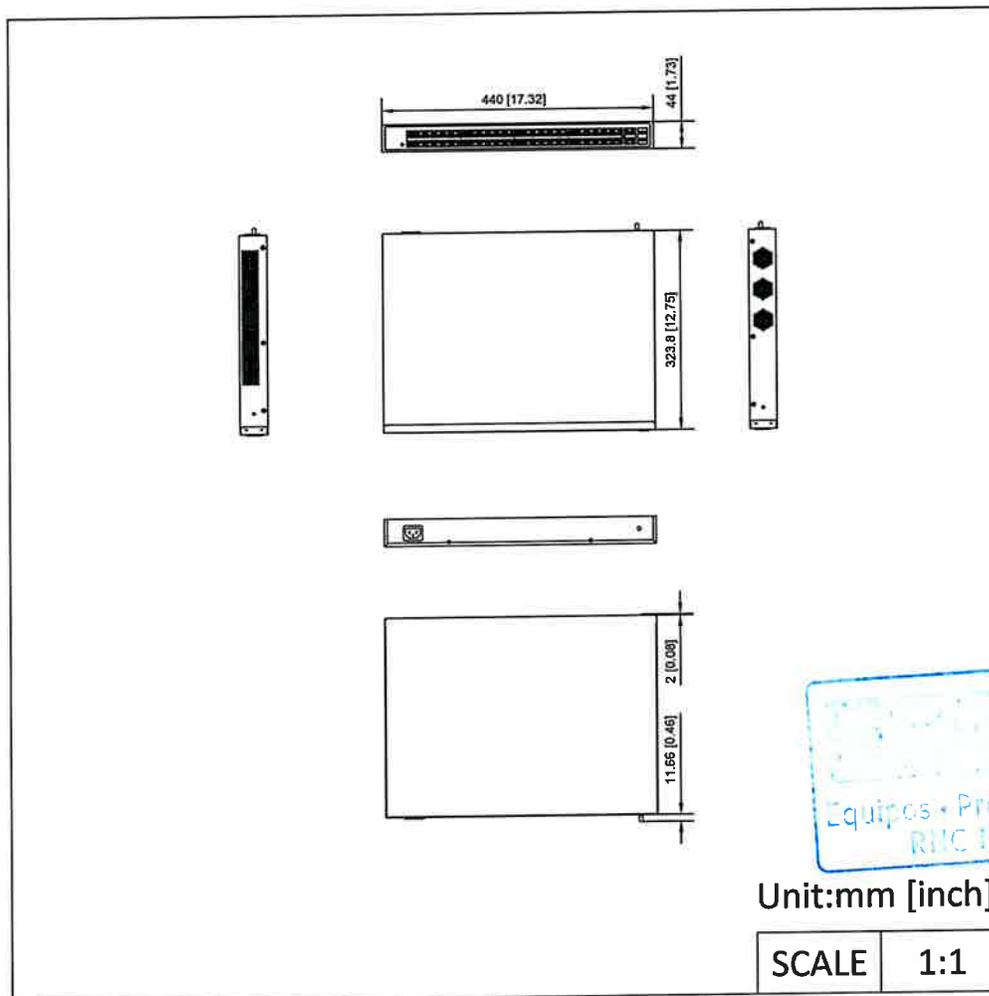


No.	Indicator/Port	Description
①	PWR Indicator	<ul style="list-style-type: none"> ● Solid: The switch is powered on normally. ● Unlit: No power supply connected or power supply is abnormal.
②	PoE-MAX Indicator	<ul style="list-style-type: none"> ● Solid on: The output power of the switch is about to reach or has reached the upper limit. The power supply may be abnormal if more devices are connected. ● Unlit: The switch supplies power to a powered device (PD) normally and its output power does not reach the upper limit. <p>Note: The PoE-MAX indicator will be unlit in 5 seconds after the output power of the switch returns to normal.</p>
③	LINK/ACT Indicator	<ul style="list-style-type: none"> ● Solid: The port is connected.


SAHARA
 Equipos • Programas • Suministros
 RNC No. 130369658

		<ul style="list-style-type: none"> ● Flashing: The port is transmitting data. ● Unlit: The port is disconnected or connection is abnormal.
③	PoE Indicator	<ul style="list-style-type: none"> ● Solid: The switch provides power supply to PD normally. ● Unlit: The switch is disconnected to PD, or provides power supply to PD abnormally.
④	Reset Button (Long Press)	Press and hold the reset button for more than 5 seconds to restore all the configurations of the switch to default settings.
④	Indicator Switching Button (Short Press)	<ul style="list-style-type: none"> ● Press on it until LINK/ACT indicator lighting, which shows a port's data transmission status. ● Press on it until PoE indicator lighting, which shows a PoE port's power supply status.
⑤	Gigabit PoE RJ45 Port	Used for connection to a PD via a network cable.
⑥	Gigabit RJ45 Port	Used for connection to another device via a network cable.
⑦	Gigabit SFP Fiber Optical Port	Used for connection to another device via an optical fiber when plugged into with an optical module.
⑧	Grounding Terminal	Used for connecting to the grounding cable to protect the switch from lightning.
⑨	Power Supply	Use the attached power cord to connect the switch to a socket.

Dimension



Equipos • Programas • Suministros
 RUC 116. 130369858

Ⓢ

ESPANOLA
Equipos - Programas - Suministros
RNC No. 130569656

See Far, Go Further



www.hikvision.com
support@hikvision.com



© Hangzhou Hikvision Digital Technology Co., Ltd. Unless otherwise agreed, Hikvision makes no warranties, express or implied. We reserve the right to introduce modifications without notice.



HIKVISION

SmartRack 9U Low-Profile Switch-Depth Wall-Mount Mini Rack Enclosure

MODEL NUMBER: SRW9U



Houses, secures and organizes switches and other rack-mount equipment in server closets, classrooms, offices and other areas with limited floor space.

Features

Switch-Depth 9U Server Cabinet Accommodates 19 in. Rack Equipment

This SmartRack® 9U rack enclosure is designed for home and office network wiring closets, retail locations, classrooms, back offices and other areas with limited floor space where you need equipment to be secure, organized and out of the way. Constructed from heavy-duty steel with a durable black powder-coated finish, the SRW9U has a maximum stationary load capacity of 200 pounds (91 kilograms).

Keeps Important Equipment Secure

The reversible front door and removable side panels lock securely to help prevent damage, tampering or theft. The doors and side panels are designed for quick release, making it simple to access connected equipment and cabling with little effort. Convenient top and bottom access panels allow easy cable routing through the cabinet. The vented doors and sides, as well as vents on the top and bottom, allow generous airflow from front to rear and top to bottom to keep your equipment cool and functioning at its peak.

Easy Enclosure and Equipment Installation

This 9U server rack comes fully assembled for quick and easy deployment. Front and rear vertical rails with square mounting holes accept standard rack equipment up to 16.5 inches (419 millimeters) deep, such as network switches, routers and patch panels. Hardware is included for wall-mounting the SRW9U. You can also use the optional SRCASTER kit (sold separately) to install metal casters to the rack and roll it along a level surface.

Meets Payment Card Industry Standards

The SRW9U provides physical equipment and media security required for PCI DSS (Payment Card Industry Data Security Standard) compliance. This is essential for companies that process, store and/or transmit credit card information.

Highlights

- 9U rack constructed from powder-coated steel that stands up to tough environments
- Houses switches, routers and other equipment up to maximum 200 lb. load capacity
- Doors and side panels lock securely to help prevent damage, tampering or theft
- Ships fully assembled for immediate deployment and equipment mounting
- Provides physical equipment and media security required for PCI DSS compliance

Package Includes

- SRW9U 9U Server Rack
- (12) M6 screws
- (12) M6 cage nuts
- (12) M6 cup washers
- Removable mounting plate
- (3) Mounting plate screws
- (2) Keys
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332160744

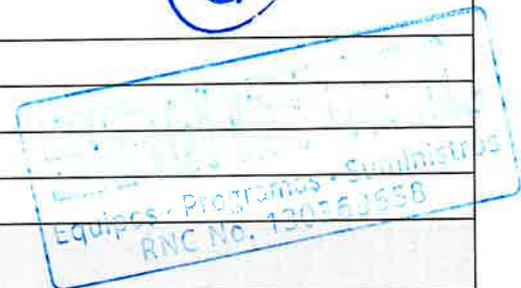




Powering Business Worldwide

TRIPP LITE 164 SERIES

Device Compatibility	Patch Panel; Network Switch; UPS
Rack Type	Small Enclosure
PHYSICAL	
Color	Black
Rack Height	9U
Rack Depth	Shallow
Maximum Device Depth (cm)	41.91
Maximum Device Depth (in.)	16.5
Maximum Device Depth (mm)	419
Minimum Device Depth (cm)	7.62
Minimum Device Depth (in.)	3
Minimum Device Depth (mm)	76
Cable Access Hole Measurement (inches)	9.812 x 2.35 (l x w)
Shipping Dimensions (hwd / in.)	22.60 x 20.60 x 26.40
Shipping Dimensions (hwd / cm)	57.40 x 52.32 x 67.06
Shipping Weight (lbs.)	39.00
Shipping Weight (kg)	17.69
Unit Dimensions (hwd / in.)	19.750 x 23.630 x 17.690
Unit Dimensions (hwd / cm)	50.5 x 60.02 x 45.16
Unit Weight (lbs.)	35
Unit Weight (kg)	15.88
Weight Capacity - Stationary (kg)	91
Weight Capacity - Stationary (lbs.)	200
Number of Vertical Mounting Rails	2
FEATURES & SPECIFICATIONS	
Grounding Details	Front and Back door frames
Built-in Cable Management	No
Extra Wide	No
Locking	No
Pre-Installed Casters	No
Outdoor Use	No
STANDARDS & COMPLIANCE	
Product Certifications	UL 60950-1
Product Compliance	RoHS; EIA/ECA-310-E; UKCA





Powering Business Worldwide

TRIPP **165**
LITE
SERIES

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	5-year limited warranty

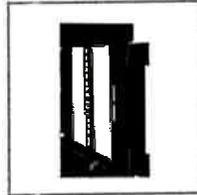
1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://tripplite.eaton.com>

© 2025 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.



SmartRack 6U Low-Profile Switch-Depth Wall-Mount Mini Rack Enclosure

MODEL NUMBER: SRW6U



Houses, secures and organizes switches and other rack-mount equipment in server closets, classrooms, offices and other areas with limited floor space.

Features

Switch-Depth 6U Server Cabinet Accommodates 19 in. Rack Equipment

This SmartRack® 6U rack enclosure is designed for home and office network wiring closets, retail locations, classrooms, back offices and other areas with limited floor space where you need equipment to be secure, organized and out of the way. Constructed from heavy-duty steel with a durable black powder-coated finish, the SRW6U has a maximum stationary load capacity of 200 pounds (91 kilograms).

Keeps Important Equipment Secure

The reversible front door and removable side panels lock securely to help prevent damage, tampering or theft. The doors and side panels are designed for quick release, making it simple to access connected equipment and cabling with little effort. Convenient top and bottom access panels allow easy cable routing through the cabinet. The vented doors and sides, as well as vents on the top and bottom, allow generous airflow from front to rear and top to bottom to keep your equipment cool and functioning at its peak.

Easy Enclosure and Equipment Installation

This 6U server rack comes fully assembled for quick and easy deployment. Front and rear vertical rails with square mounting holes accept standard rack equipment up to 16.5 inches (419 millimeters) deep, such as network switches, routers and patch panels. Hardware is included for wall-mounting the SRW6U. You can also use the optional SRCASTER kit (sold separately) to install metal casters to the rack and roll it along a level surface.

Meets Payment Card Industry Standards

The SRW6U provides physical equipment and media security required for PCI DSS (Payment Card Industry Data Security Standard) compliance. This is essential for companies that process, store and/or transmit credit card information.

Highlights

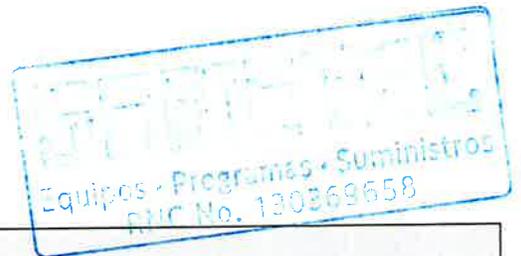
- 6U rack constructed from powder-coated steel that stands up to tough environments
- Houses switches, routers and other equipment up to maximum 200 lb. load capacity
- Doors and side panels lock securely to help prevent damage, tampering or theft
- Ships fully assembled for immediate deployment and equipment mounting
- Provides physical equipment and media security required for PCI DSS compliance

Package Includes

- SRW6U 6U Server Rack
- (12) M6 screws
- (12) M6 cage nuts
- (12) M6 cup washers
- Mounting hardware
- (2) Keys
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332154651





Powering Business Worldwide

TRIPP LITE 167 SERIES

Device Compatibility	Patch Panel; Network Switch; UPS
Rack Type	Small Enclosure
PHYSICAL	
Color	Black
Rack Height	6U
Rack Depth	Shallow
Maximum Device Depth (cm)	41.91
Maximum Device Depth (in.)	16.5
Maximum Device Depth (mm)	419
Minimum Device Depth (cm)	7.62
Minimum Device Depth (in.)	3
Minimum Device Depth (mm)	76
Cable Access Hole Measurement (inches)	9.812 x 2.35 (l x w)
Shipping Dimensions (hwd / in.)	17.50 x 20.60 x 26.40
Shipping Dimensions (hwd / cm)	44.45 x 52.32 x 67.06
Shipping Weight (lbs.)	34.00
Shipping Weight (kg)	15.42
Unit Dimensions (hwd / in.)	14.500 x 23.630 x 17.500
Unit Dimensions (hwd / cm)	36.83 x 60 x 44.45
Unit Weight (lbs.)	29
Unit Weight (kg)	13.15
Weight Capacity - Stationary (kg)	91
Weight Capacity - Stationary (lbs.)	200
Number of Vertical Mounting Rails	2
FEATURES & SPECIFICATIONS	
Grounding Details	Front and Back door frames
Built-in Cable Management	No
Extra Wide	No
Locking	No
Pre-Installed Casters	No
Outdoor Use	No
STANDARDS & COMPLIANCE	
Product Certifications	UL 60950-1
Product Compliance	RoHS; EIA/ECA-310-E; UKCA





Powering Business Worldwide

TRIPP LITE
168
SERIES

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	5-year limited warranty

1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://tripplite.eaton.com>

© 2025 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.



Specifications



APC Smart-UPS RT 1500VA, 120V, rackmount, 2U, 6x NEMA 5-15R outlets



SURTA1500RML

⚠ Discontinued on: Dec 31, 2020

⚠ End-of-service on: Dec 18, 2023

⚠ Discontinued

Overview

Lead time Usually in Stock

Main

Main Input Voltage	120 V
Product or Component Type	Uninterruptible power supply (UPS)
Main Output Voltage	120 V
Rated power in W	1050 W
rated power in VA	1500 VA
Input Connection Type	NEMA 5-15P
output connection type	6 NEMA 5-15R
Number of rack unit	2U
Cable length	6 ft (1.8 m)
Number of cables	1
Provided equipment	CD with software Documentation CD Installation guide Rack Mounting support rails Smart UPS signalling RS-232 cable User Manual USB cable

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Battery Type	Lead-Acid battery
Extendable Run Time	1
Included Battery Modules	1
Battery Slots Empty	0
Typical recharge time	3 h
RBC Quantity	1
Battery life	3...5 year(s)
Replacement battery	RBC57

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This information is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications



Battery Charge Power (Watts)	118 W rated
------------------------------	-------------

General

Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Topology	Double Conversion Online

Physical

color	Black
Height	3.3 in (8.5 cm)
Width	17.008 in (43.2 cm)
Depth	22.008 in (55.9 cm)
Net Weight	60.6 lb(US) (27.5 kg)
Mounting Location	Front
Mounting preference	Lower
Mounting Mode	Rack-mounted
Two post mountable	0
USB compatible	Yes

Input

Efficiency at full load	90...150 V
Input Frequency	50/60 Hz +/- 5 Hz auto-sensing

Output

Bypass type	Built-in Bypass
Crest factor	3 : 1
Harmonic distortion	Less than 3%
Maximum configurable power in VA	1500 VA
Max Configurable Power (Watts)	1050 W
Waveform Type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 sync to mains

Conformance

Product Certifications	BSMI CSA
------------------------	-------------

Environmental

Acoustic level	45 dBA
Heat dissipation	393 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	32...104 °F (0...40 °C)



Ambient Air Temperature for Storage	-4...122 °F (-20...50 °C)
Storage altitude	0...50000 ft (0...15240 m)
Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %

Communications & Management

Emergency Power Off (EPO)	Yes
Free slots	1
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge energy rating	540 J
---------------------	-------

Ordering and shipping details

GTIN	3606487073246
------	---------------

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1



Image of product / Alternate images

Alternative

