



Propuesta Tecnica

Fecha: 11/06/2025

Referencia: JCE-CCC-LPN-2025-0003

Señores:

COMITÉ DE COMPRAS Y CONTRATACIONES

Junta Central Electoral

Santo Domingo, Distrito Nacional, Rep. Dom.



Quien suscribe, Señor Elwis Andrasoni, en cumplimiento a lo previsto en el numeral 2.10.3 del Pliego de Condiciones Específicas de la Licitación Pública Nacional Ref.: JCE-CCC-LPN-2025-0003, a continuación se presenta, Marca, modelo, características y especificaciones Técnicas de los equipos ofertados.

Ítem	Cantidad	Descripción
1	72	iDS-9632NXI-M8/X Hikvision NVR de 32 canales
2	84	iDS-9616NXI-M8/X Hikvision NVR de 16 canales
3	2436	DS-2CD2146G2-I Hikvision Cámara Domo IP 4MP
4	504	DS-2CD2046G2-I(U) Hikvision Cámara Bullet IP 4MP
5	187	iDS-2CD7186G2-IZS Hikvision Cámara Domo Varifocal IP 4MP
6	192	DS-2CD6365G1-IVS Hikvision Cámara Fisheye IP 6MP
7	84	DS-3E1520HP-SI-16P2T2F Hikvision Switch 16 Poe Gigabit
8	24	DS-3E1528HP-SI-24P2T2F Hikvision Switch 24 Poe Gigabit
9	48	DS-3E1552P-SI Hikvision Switch 48 Poe Gigabit
10	144	PL-GP-9U-600X600mm Pro-Link Gabinete de 9U de Pared
11	12	PL-GP-7U-600X600mm Pro-Link Gabinete de 7U de Pared
12	156	PL-1102B Pro-Link UPS con Bateria incluida
13	312	Disco Duro Wester Digital Purple 8TB
14	240	Cable Cat 6 Pro-Link Azul 24AWG 550MHz CMP
15	7200	C6RJ45/100 Pro-Link Conector RJ45 Cat 6
16	120	PL-KJ60-W Pro-Link Jack Cat 6
17	3120	RJ45BOOTS Pro-Link Botas de Protección



RNC. 101634987

Sto. Dgo. 809-541-4006
Stgo. 809-580-1249

Gustavo Mejia Ricart #245 El Millon
Carretera Gurabo #23 Plaza Tavinsa

www.cemseguridad.com
cem@cemautomation.com



Santo Domingo 11 de Junio del 2025

Srs.

Junta Central Electoral

Atencion: Comite de Compras y Contrataciones

Reciban un cordial saludo. Por medio de la presente, Elwis Andrasoni titular de la cedula de Identidad Nro 001-1888681-1, en condicion de Gerente General de Construcciones y Electromecanicas, SRL, RNC- 101-63498-7, atendiendo al pliego de condiciones del poceso de **Licitacion Nro. JCE-CCC-LPN-2025-0003 "Adquisicion de Equipos y Materiales de Videovigilancia"**; hago de su conocimiento que el tiempo de entrega de todos los equipos ofertados es de **90 dias laborables** luego de recibir la Orden de Compra.

Sin mas que agregar, se despide

Atentamente,


Elwis Andrasoni
Gerente



RNC. 101634987

Sto. Dgo. 809-541-4006
Sigo. 809-580-1249

Gustavo Mejia Ricart #245 El Millon
Carretera Gurabo #23 Plaza Tavinsa

www.cemseguridad.com
cem@cemautomation.com



Santo Domingo 11 de Junio del 2025

Srs.

Junta Central Electoral

Atencion: Comite de Compras y Contrataciones

Reciban un cordial saludo. Por medio de la presente, Elvis Andrasoni titular de la cedula de Identidad Nro 001-1888681-1, en condicion de Gerente General de Construcciones y Electromecanicas, SRL, RNC- 101-63498-7, atendiendo al pliego de condiciones del poceso de **Licitacion Nro. JCE-CCC-LPN-2025-0003 "Adquisicion de Equipos y Materiales de Videovigilancia"**; hago de su conocimiento que **TODOS** los equipos ofertados cuentan con una GARANTIA de 3 Años en piezas o reposicion del equipo por defecto de Fabrica.

Sin mas que agregar, se despide

Atentamente,


Elvis Andrasoni
Gerente



RNC. 101634987

Sto. Dgo. 809-541-4006
Stgo. 809-580-1249

Gustavo Mejia Ricart #245 El Millon
Carretera Gurabo #23 Plaza Tavinsa

www.cemseguridad.com
cem@cemautomation.com



Santo Domingo 11 de Junio del 2025

Srs.

Junta Central Electoral

Atencion: Comité de Compras y Contrataciones

Reciban un cordial saludo. Por medio de la presente, Elwis Andrasoni titular de la cedula de identidad Nro 001-1888681-1, en condicion de Gerente General de Construcciones y Electromecánicas, SRL, RNC- 101-63498-7, atendiendo al pliego de condiciones del poceso de **Licitacion Nro. JCE-CCC-LPN-2025-0003 "Adquisicion de Equipos y Materiales de Videovigilancia"**; hago de su conocimiento que nuestra condicion de pago es la siguiente:

- 20% Anticipo al Recibir la Orden de Compra.
- 40% Entrega de los equipos en su Almacen con Factura.
- 40% a 30 dias luego de la emision y entrega de Factura.

Sin mas que agregar, se despide

Atentamente,


Elwis Andrasoni
Gerente



RNC. 101634987

Sto. Dgo. 809-541-4006
Sgo. 809-580-1249

Gustavo Mejia Ricart #245 El Millon
Carretera Gurabo #23 Plaza Tavinsa

www.cemseguridad.com
cem@cemautomation.com

iDS-9632NXI-M8/X

DeepinMind M Series NVR

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



Profession 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
- ANR (Automatic Network Replenishment) technology ensures network camera video storage reliability

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 8 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 (Automatic Number-Plate Recognition), and people counting
- POS information overlay on live view and playback, and POS triggered recording and alarm



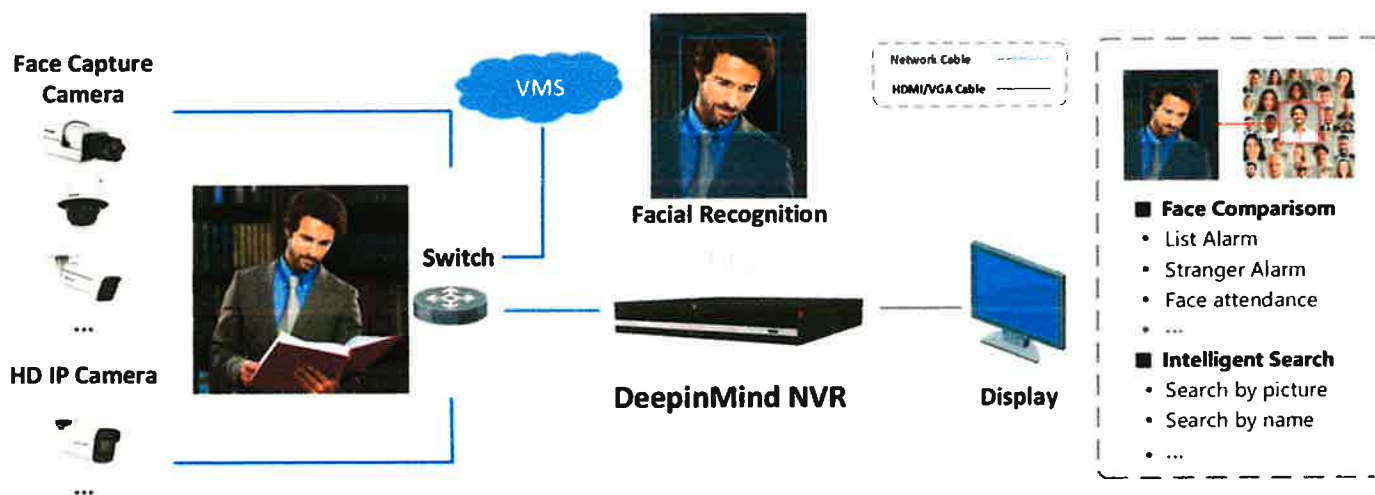
Network & Ethernet Access

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

Typical Application

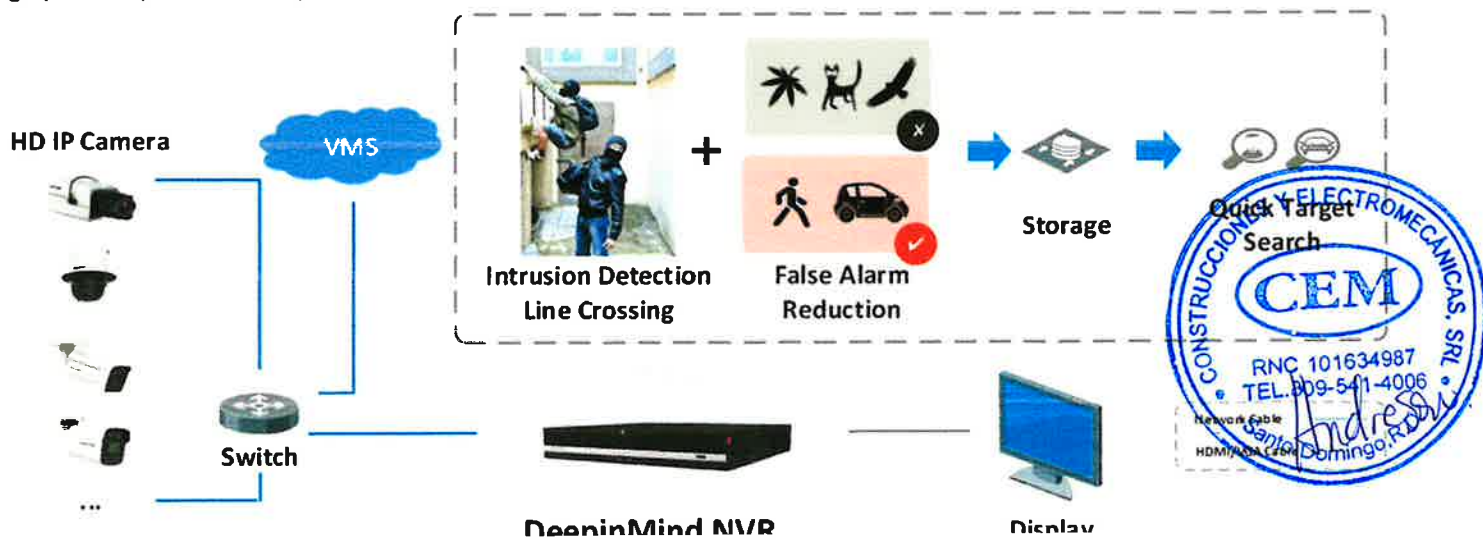
Facial Recognition and Face Picture Comparison

Modeling and analyzing face pictures captured by cameras. Realize list alarm and stranger alarm via face picture library. Search target people by picture and name features.



Perimeter Protection

Adopt deep learning algorithm to reduce false alarm, effectively reduces the false alarm caused by tree branches, leaves, shadow, light, vehicles, small animals, etc.



Video Structuralization

Extracting the face picture, human body and vehicle features from live videos, which is used for the tracking and retrieval of human and vehicles.



▪ Specification

Intelligent Analytics

AI by NVR	Facial recognition, perimeter protection, video structuralization, throwing objects from building
AI by Camera	Facial recognition, perimeter protection, video structuralization, throwing objects from building, motion detection2.0, 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 32 face picture libraries, up to 100,000 face pictures in list library, up to 10,000 face pictures in stranger library, up to 10,000,000 face pictures in face capture (each picture ≤ 4 MB, total capacity ≤ 20 GB)
Face Picture Comparison (Captured from Camera)	32-ch (16-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

Perimeter Protection

By NVR	24-ch 2 MP (12-ch for each engine), up to 8 MP
By Camera	All channels

Video Structuralization

Structured Analysis	12-ch 2 MP (6-ch for each engine), up to 8 MP
Face Picture Library	Up to 32 face picture libraries, up to 100,000 face pictures in list library, up to 10,000 face pictures in stranger library, up to 10,000,000 face pictures in face capture (each picture ≤ 4 MB, total capacity ≤ 20 GB)
Face Picture Comparison	16-ch; Comparison speed: 32 pictures per second

Throwing Objects from Building

By NVR	16-ch 2 MP (8-ch for each engine), up to 8 MP)
By Camera	All channels

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

	32-ch
	Up to 32 MP resolution
IP Video Input	*: After ultra HD resolution mode is enabled, the NVR supports up to 8-ch 32 MP/24 MP IP video inputs.
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, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI 2 Output	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz *: When HDMI 1 output resolution is 8K, the maximum HDMI 2 output resolution is 1080p.
VGA 1 Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA 2 Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Video Output Mode	HDMI1/VGA1 simultaneous output, HDMI2/VGA2 simultaneous output
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 kΩ)

Decoding

Decoding Format	H.265/H.265+/H.264/H.264+
Decoding Capability	2-ch@32 MP (30 fps)/2-ch@24 MP (30 fps)/4-ch@12 MP (20 fps)/8-ch@8 MP (25 fps)/16-ch@4 MP (30 fps)/32-ch@1080p (30 fps)
Synchronous Playback	16-ch 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
Recording Resolution	*: After ultra HD resolution mode is enabled, the NVR supports up to 8-ch 32 MP/24 MP IP video inputs.

Network

Remote Connection	128
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
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



RAID

RAID Type RAID0, RAID1, RAID5, RAID6, RAID10

Auxiliary Interface

Ctrl 12V Controllable 12 VDC, 1 A power output for external alarm device; The power will be turned on when the alarm output is triggered.

*: The Ctrl 12V power is controlled by alarm output 9.

DC 12V 12 VDC, 1 A power output

SATA 8 SATA interfaces; 3.5-inch HDD

eSATA 1 eSATA interface

Capacity Up to 14 TB capacity for each HDD

Serial Interface 1 RS-232, 1 RS-485 (full-duplex), 1 keyboard

USB Interface Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0

Alarm In/Out 16/9

General

GUI Language English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish, 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) 445 × 465 × 93 mm (17.5"× 18.3" × 3.7")

Weight ≤ 10 kg (without HDD, 28.7 lb.)

Certification

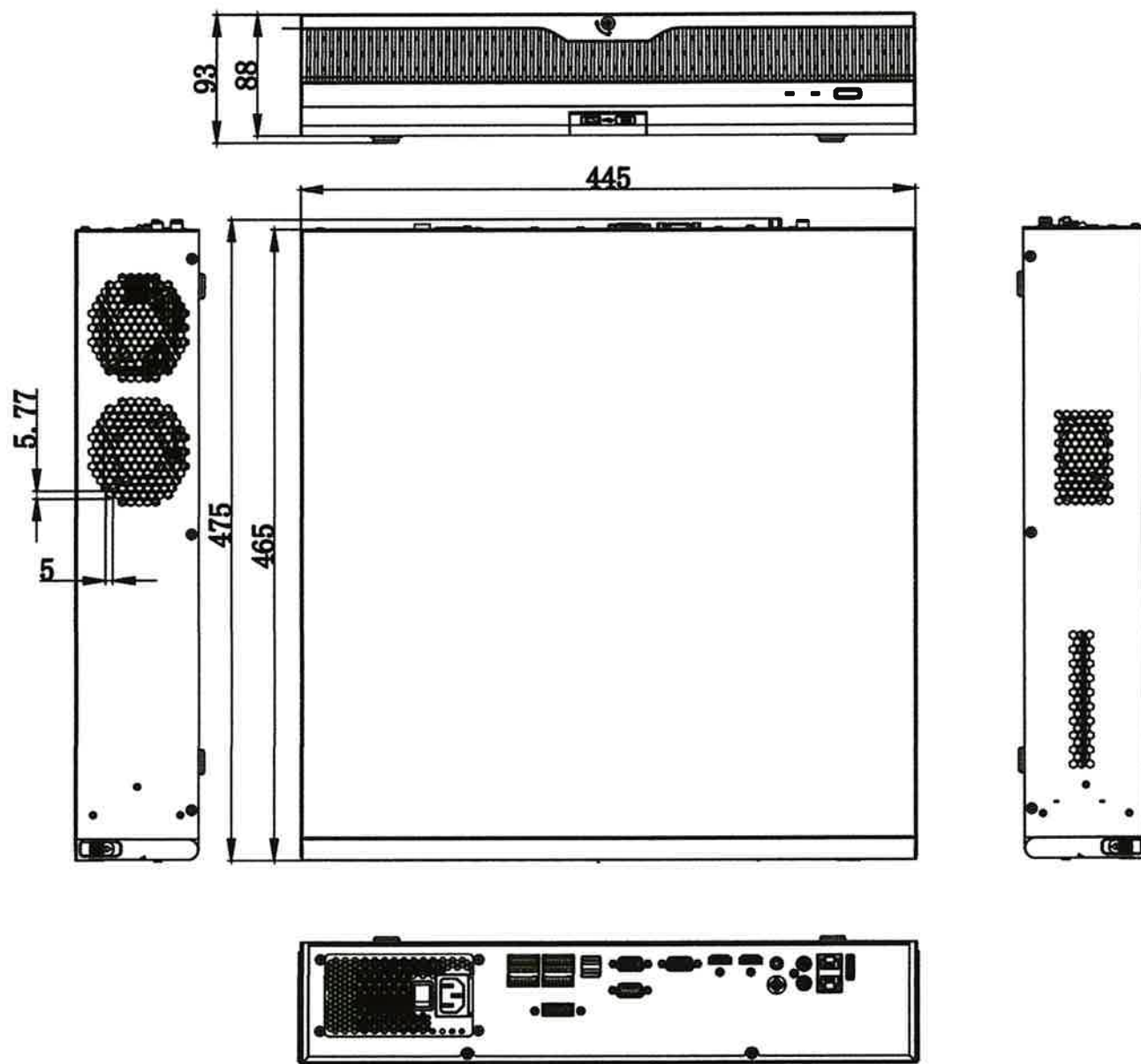
Obtained Certification CE, FCC, IC, CB, KC, UL, Rohs, Reach, WEEE, RCM, UKCA, LOA, BIS

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+A1:2021, EN 50130-4:2011+A1:2014, EN 55035:2017+A11:2020

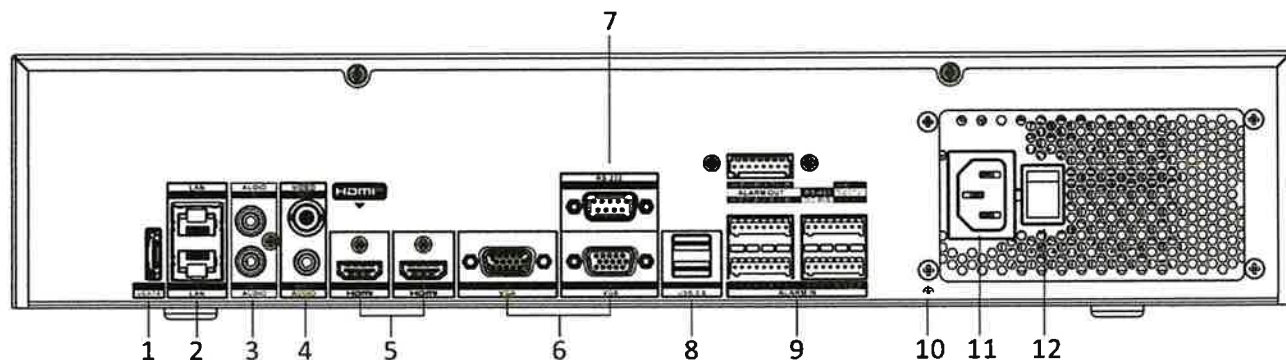


Dimension



scale/1:1;Unit/mm

Physical Interface



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

Available Model

iDS-9632NXI-M8/X

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-880715998
www.hikvision.com

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



Hikvision



HikvisionHQ



HikvisionHQ



Hikvision_Global



Hikvision
Corporate Channel



hikvisionhq



iDS-9616NXI-M8/X DeepinMind M Series NVR

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 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



Profession 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
- ANR (Automatic Network Replenishment) technology ensures network camera video storage reliability

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 8 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 (Automatic Number-Plate Recognition), and people counting
- POS information overlay on liveview and playback, and POS triggered recording and alarm



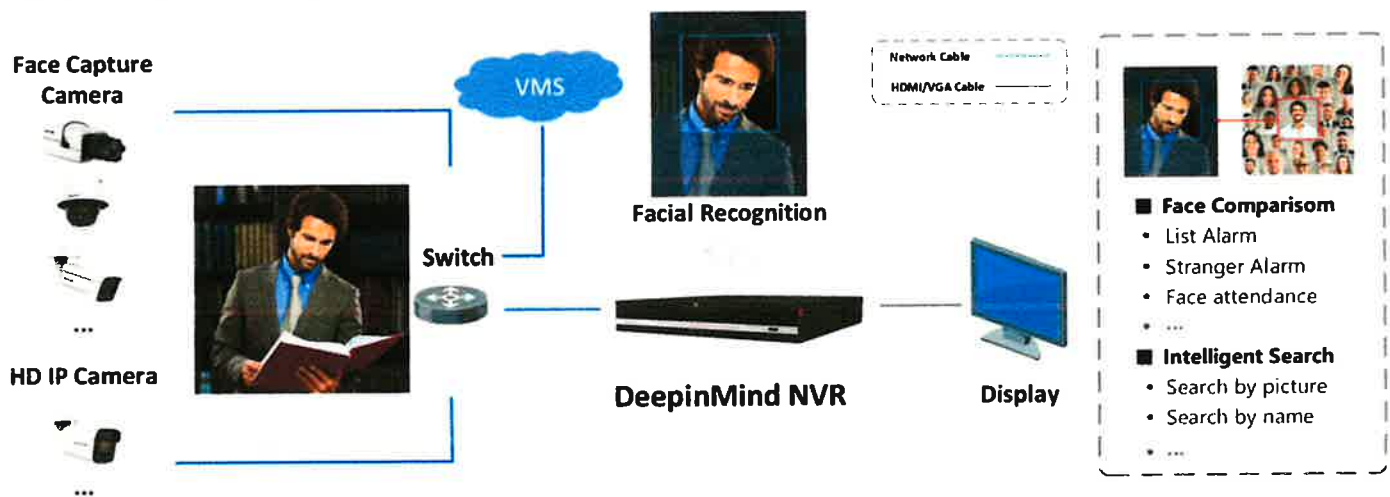
Network & Ethernet Access

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

Typical Application

Facial Recognition and Face Picture Comparison

Modeling and analyzing face pictures captured by cameras. Realize list alarm and stranger alarm via face picture library. Search target people by picture and name features.



Perimeter Protection

Adopt deep learning algorithm to reduce false alarm, effectively reduces the false alarm caused by tree branches, leaves, shadow, light, vehicles, small animals, etc.



Video Structuralization

Extracting the face picture, human body and vehicle features from live videos, which is used for the tracking and retrieval of human and vehicles.



▪ Specification

Intelligent Analytics

AI by NVR	Facial recognition, perimeter protection, video structuralization, throwing objects from building
AI by Camera	Facial recognition, perimeter protection, video structuralization, throwing objects from building, 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 32 face picture libraries, up to 100,000 face pictures in list library, up to 10,000 face pictures in stranger library, up to 10,000,000 face pictures in face capture (each picture ≤ 4 MB, total capacity ≤ 20 GB)
Face Picture Comparison (Captured from Camera)	16-ch (8-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

Perimeter Protection

By NVR	24-ch 2 MP (12-ch for each engine), up to 8 MP
By Camera	All channels

Video Structuralization

Structured Analysis	12-ch 2 MP (6-ch for each engine), up to 8 MP
Face Picture Library	Up to 32 face picture libraries, up to 100,000 face pictures in list library, up to 10,000 face pictures in stranger library, up to 10,000,000 face pictures in face capture (each picture ≤ 4 MB, total capacity ≤ 20 GB)
Face Picture Comparison	16-ch; Comparison speed: 32 pictures per second

Throwing Objects from Building

By NVR	16-ch 2 MP (8-ch for each engine), up to 8 MP
By Camera	All channels

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

	16-ch
	Up to 32 MP resolution
IP Video Input	*: After ultra HD resolution mode is enabled, the NVR supports up to 8-ch 32 MP/24 MP IP video inputs.
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, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI 2 Output	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz *: When HDMI 1 output resolution is 8K, the maximum HDMI 2 output resolution is 1080p.
VGA 1 Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA 2 Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Video Output Mode	HDMI1/VGA1 simultaneous output, HDMI2/VGA2 simultaneous output
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA (Linear, 1 kΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 kΩ)

Decoding

Decoding Format	H.265/H.265+/H.264/H.264+
Decoding Capability	2-ch@32 MP (30 fps)/2-ch@24 MP (30 fps)/4-ch@12 MP (20 fps)/8-ch@8 MP (25 fps)/16-ch@4 MP (30 fps)
Synchronous Playback	16-ch 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
Recording Resolution	*: After ultra HD resolution mode is enabled, the NVR supports up to 8-ch 32 MP/24 MP IP video inputs.

Network

Remote Connection	128
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, iSUP, UPnP™, HTTP, HTTPS
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



RAID

RAID Type RAID0, RAID1, RAID5, RAID6, RAID10

Auxiliary Interface

Ctrl 12V Controllable 12 VDC, 1 A power output for external alarm device; The power will be turned on when the alarm output is triggered.

*: The Ctrl 12V power is controlled by alarm output 9.

DC 12V 12 VDC, 1 A power output

SATA 8 SATA interfaces; 3.5-inch HDD

eSATA 1 eSATA interface

Capacity Up to 14 TB capacity for each HDD

Serial Interface 1 RS-232, 1 RS-485 (full-duplex), 1 keyboard

USB Interface Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0

Alarm In/Out 16/9

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) 442 × 460 × 88 mm (17.4" × 18.1" × 3.5")

Weight ≤ 10 kg (without HDD, 28.7 lb.)

Certification

Obtained Certification CE, FCC, IC, CB, KC, UL, Rohs, Reach, WEEE, RCM, UKCA, LOA, BIS

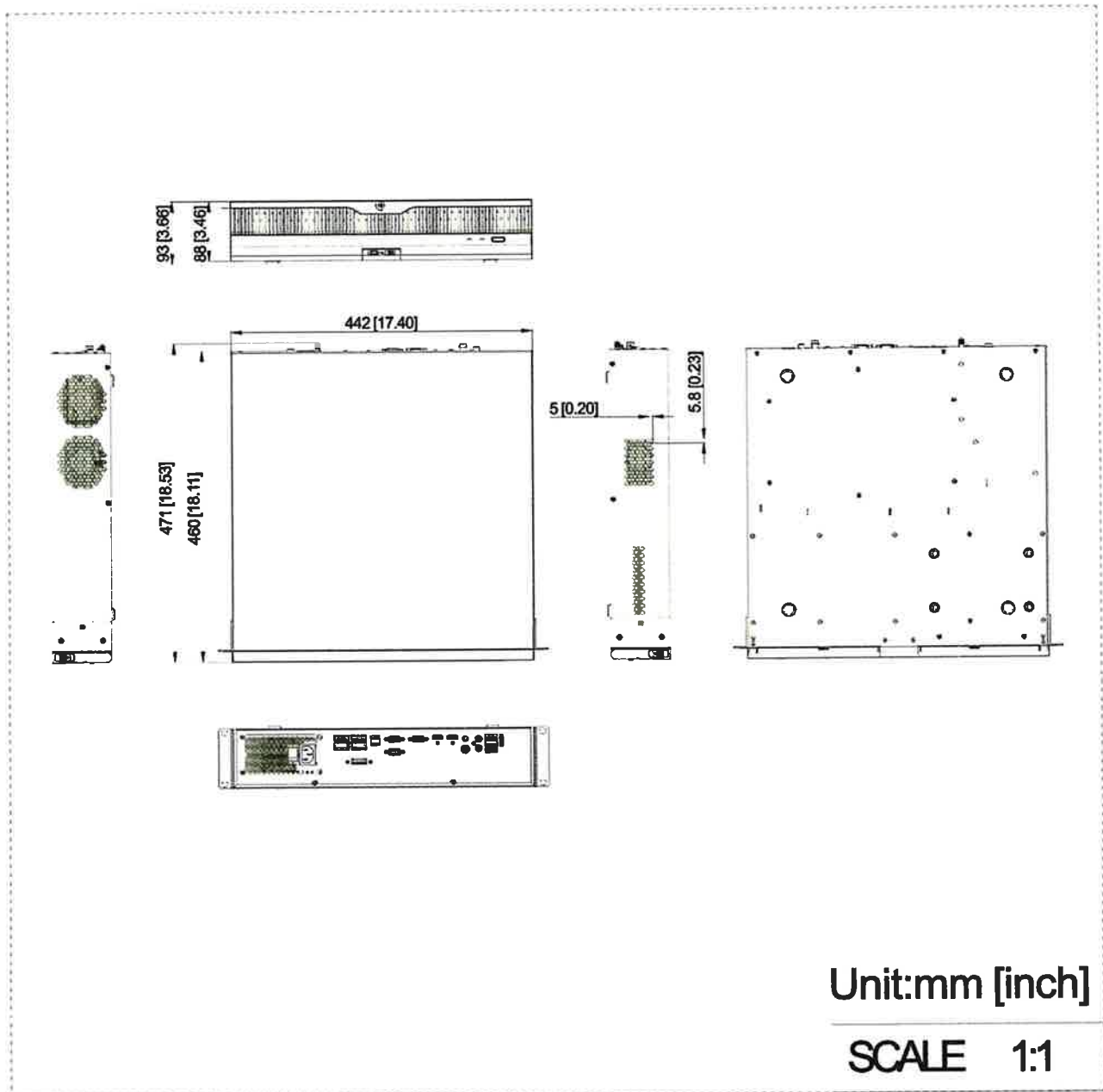
FCC Part 15 Subpart B, ANSI C63.4-2014

CE EN 55032:2015+A1:2020, ENIEC61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:201

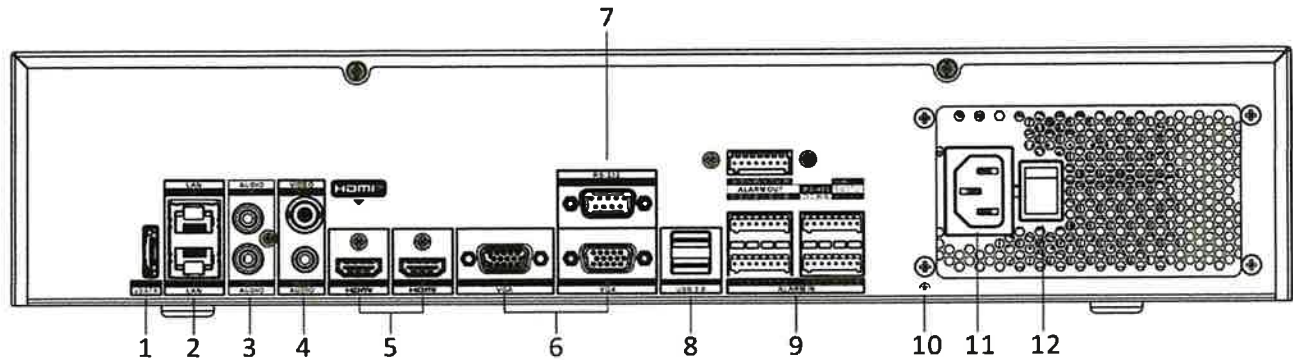
9, EN 50130-4:2011+A1:2014, EN 55035:2017+A11:2020



Dimension



Physical Interface



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

Available Model

iDS-9616NXI-M8/X

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T: +86-571-8807-5288
www.hikvision.com

For any other information, please get the latest product information on our website.



Hikvision



HikvisionHQ



HikvisionHQ



Hikvision_Global



Hikvision
Corporate Channel



HikvisionHQ



DS-2CD2146G2-I(SU)**4 MP AcuSense Powered-by-DarkFighter Fixed Dome Network Camera**

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
- Excellent low-light performance with powered-by-DarkFighter technology
- Clear imaging against strong backlight due to 120 dB true WDR technology
- Efficient H.265+ compression technology
- Focus on human and vehicle targets classification based on deep learning
- Built-in microphone for real-time audio security(-SU)
- Water and dust resistant (IP67) and vandal-resistant (IK10)



■ Specification

Camera

Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.003 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR
Shutter Speed	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°
Slow Shutter	Yes
P/N	P/N
Wide Dynamic Range	120 dB

Lens

	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123°
Focal Length & FOV	4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°
Lens Type	Fixed focal lens, 2.8, 4, and 6 mm optional
Aperture	F1.4
Lens Mount	M12
Iris Type	Fixed

DORI

	2.8 mm: D: 60.0 m, O: 23.8 m, R: 12.0 m, I: 6.0 m
DORI	4 mm: D: 80.0 m, O: 31.7 m, R: 16.0 m, I: 8.0 m 6 mm: D: 120.0 m, O: 47.6 m, R: 24.0 m, I: 12.0 m

Illuminator

IR Range	Up to 30 m
IR Wavelength	850 nm
Smart Supplement Light	Yes
Supplement Light Type	IR

Video

Max. Resolution	2688 × 1520
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)
Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings. Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 *Third stream is supported under certain settings.
Video Compression	
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)	H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region for main stream and sub-stream
Audio	
Environment Noise Filtering	-S: Yes
Audio Sampling Rate	-S: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Audio Compression	-S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
Audio Bit Rate	-S: 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)
Network	
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
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, SNMP, ARP, 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	Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE 10, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
SNR	≥ 52 dB
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
Interface	
Alarm	-S: 1 input, 1 output (max. 12 VDC, 30 mA) -S: 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium;
Audio	1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Built-in Microphone	-U: Yes
On-Board Storage	Built-in memory card slot, support microSD/SDHC/SDXC card, up to 512 GB
Reset Key	Yes
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port



Event

Basic Event	Motion detection (human and vehicle targets classification), video tampering alarm, exception
Smart Event	Scene change detection

Deep Learning Function

Face Capture	Yes
Perimeter Protection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection

General

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 $\pm$ 25%, reverse polarity protection PoE: 802.3af, Class 3
Power Consumption and Current	12 VDC: 0.4 A, max. 5 W PoE (802.3af, 36 V-57 V), 0.20 A to 0.15 A, max. 6.5 W
Power Interface	$\varnothing$ 5.5 mm coaxial power plug
Material	Metal upper cover and base
Dimension	$\varnothing$ 121.4 mm $\times$ 92.2 mm ($\varnothing$ 4.8" $\times$ 3.6")
Package Dimension	150 mm $\times$ 150 mm $\times$ 141 mm (5.9" $\times$ 5.9" $\times$ 5.6")
Weight	Approx. 580 g (1.3 lb.)
With Package Weight	Approx. 820 g (1.8 lb.)
Linkage Method	Upload to NAS/memory card/FTP, notify surveillance center, trigger recording, trigger capture, send email, audible warning 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
Language	Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel counter
General Function	Yes
Software Reset	Yes
Firmware Version	V5.5.112

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); KC (KN 32: 2015, KN 35: 2015) 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); LOA (IEC/EN 60950-1)
Safety	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Environment Protection	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002)



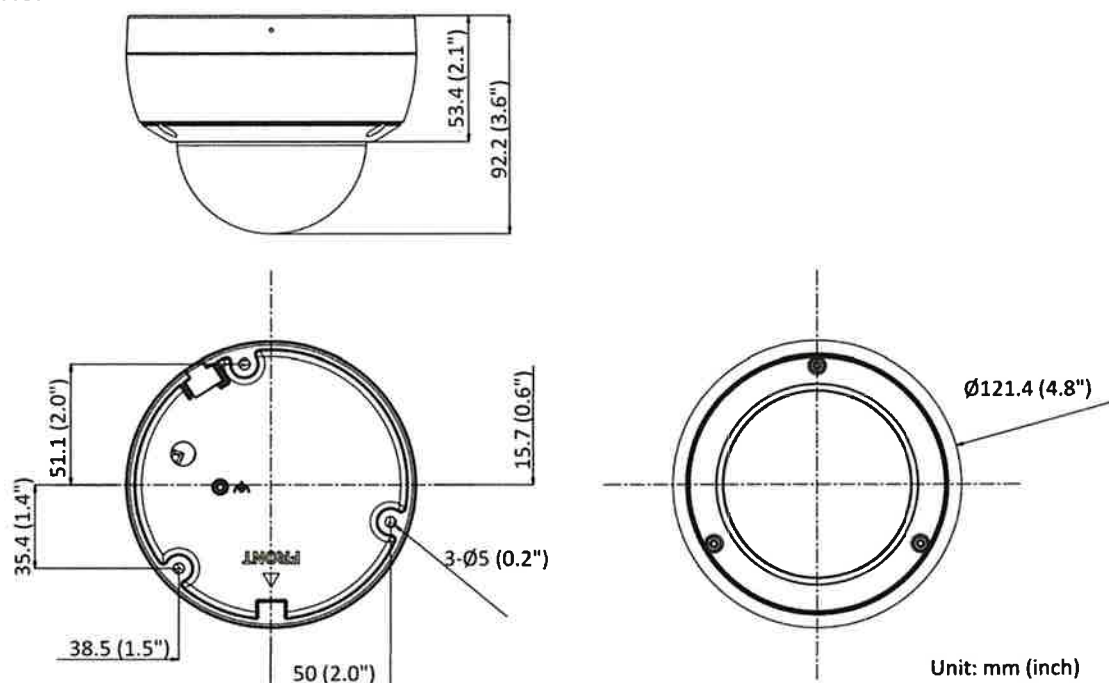
Available Model

DS-2CD2146G2-IS (2.8/4/6 mm)

DS-2CD2146G2-ISU (2.8/4/6 mm)

DS-2CD2146G2-I (2.8/4/6 mm)

Dimension



Accessory

Optional

DS-1276ZJ-SUS
Corner Mount



DS-1272ZJ-120
Wall Mount



DS-1275ZJ-SUS
Vertical Pole Mount



DS-1271ZJ-120
Pendant Mount



DS-1280ZJ-DM46
Junction Box



DS-1272ZJ-120B
Wall Mount



DS-1253ZJ-M
Water-proof



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 12161521 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 +84-974270688
sales.vi@hikvision.com

Hikvision UAE
T +971-4-4432090
sales.me@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 +7-495-791-8817
saleru@hikvision.com

Hikvision Korea
T +82-2-601-761-8817
sales@hikvision.co.kr

Hikvision Poland
T +48-22-660-460-460
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2345-6789
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com



DS-2CD2046G2-I(U)**4 MP AcuSense Powered-by-DarkFighter Fixed Bullet Network Camera**

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
- Excellent low-light performance with powered-by-DarkFighter technology
- Clear imaging against strong backlight due to 120 dB true WDR technology
- Efficient H.265+ compression technology
- Focus on human and vehicle targets classification based on deep learning
- Built-in microphone for real-time audio security(-U)
- Water and dust resistant (IP67)

www.hikvision.com

▪ Specification

Camera

Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.003 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Slow Shutter	Yes
P/N	P/N
Wide Dynamic Range	120 dB

Lens

Lens Type	Fixed focal lens, 2.8, 4, and 6 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°
Aperture	F1.4
Lens Mount	M12
Iris Type	Fixed

DORI

	2.8 mm: D: 60.0 m, O: 23.8 m, R: 12.0 m, I: 6.0 m
DORI	4 mm: D: 80.0 m, O: 31.7 m, R: 16.0 m, I: 8.0 m 6 mm: D: 120.0 m, O: 47.6 m, R: 24.0 m, I: 12.0

Illuminator

IR Range	Up to 40 m
IR Wavelength	850 nm
Smart Supplement Light	Yes
Supplement Light Type	IR

Video

Max. Resolution	2688 × 1520
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)
Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings. Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 *Third stream is supported under certain settings.
Video Compression	32 Kbps to 8 Mbps
Video Bit Rate	Baseline Profile/Main Profile/High Profile
H.264 Type	Main Profile
H.265 Type	Main stream supports
H.264+	Main stream supports
H.265+	Main stream supports



Bit Rate Control	CBR/VBR
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region for main stream and sub-stream
Audio	
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)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
Network	
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
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, SNMP, ARP, 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	Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
Web Browser	iVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: IE 10, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
SNR	≥ 52 dB
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Parameters Switch	Yes
Image Settings	Rotate mode, 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 micro SD/SDHC/SDXC slot, up to 512 GB
Reset Key	Yes
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Event	
Basic Event	Motion detection (human and vehicle targets classification), video tampering alarm, exception
Smart Event	Scene change detection
Deep Learning Function	
Face Capture	Yes



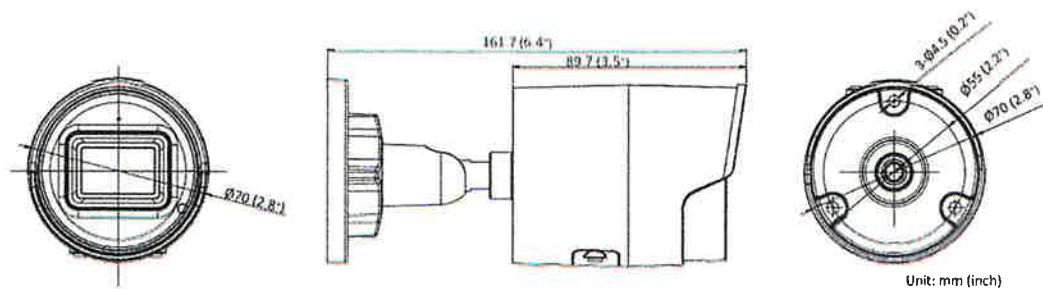
Perimeter Protection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
General	
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Power Supply	12 VDC $\pm$ 25%, reverse polarity protection PoE: 802.3af, Class 3
Power Consumption and Current	12 VDC, 0.5 A, max. 6.0 W PoE (802.3af, 36 V to 57 V), 0.2 A to 0.13 A, max. 7.0 W
Power Interface	Ø5.5 mm coaxial power plug
Material	ADC12
Dimension	Ø70 mm $\times$ 161.7 mm (Ø2.8" $\times$ 6.4")
Package Dimension	216 mm $\times$ 121 mm $\times$ 118 mm (8.5" $\times$ 4.8" $\times$ 4.6")
Weight	Approx. 485 g (1.1 lb.)
With Package Weight	Approx. 724 g (1.6 lb.)
Linkage Method	Upload to NAS/memory card/FTP, notify surveillance center, trigger recording, trigger capture, send email
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	Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel counter
Software Reset	Yes
Firmware Version	V5.5.112
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); KC (KN 32: 2015, KN 35: 2015) UL (UL 60950-1);
Safety	CB (IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013); CE-LVD (EN 60950-1: 2005 + Am 1: 2009 + Am 2: 2013); LOA (IEC/EN 60950-1)
Environment Protection	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) IP67 (IEC 60529-2013)

Available Model

DS-2CD2046G2-IU (2.8/4/6 mm)
DS-2CD2046G2-I (2.8/4/6 mm)



Dimension



Unit: mm (inch)

Accessory

Optional

DS-1280ZJ-XS Junction Box



Distributed by



HIKVISION

Headquarters

No.555 Gaoxing Road, Shiyang District,
Hangzhou 310051, China
T: +86-571-8607-5996
overseas@ Hikvision.com

Hikvision USA
T: +1 (855) 991-7866
usa@ Hikvision.com

Hikvision Australia
T: +61 (0)8-99-4073
australia@ Hikvision.com

Hikvision India
T: +91 (0)20-20-57000
india@ Hikvision.com

Hikvision Canada
T: +1 (877) 290-8300
canada@ Hikvision.com

Hikvision Thailand
T: +66 (0)2-010-0000
thailand@ Hikvision.com

Hikvision Europe
T: +31 (0)20-55-4770
europe@ Hikvision.com

Hikvision Italy
T: +39-0478-6060
italy@ Hikvision.com

Hikvision Brazil
T: +55 (11) 3318-0000
brazil@ Hikvision.com

Hikvision Turkey
T: +90 (312) 221-7070
turkey@ Hikvision.com

Hikvision Malaysia
T: +60 (3) 207-7411
malaysia@ Hikvision.com

Hikvision UK & Ireland
T: +44 (0)20-844-0000
uk@ Hikvision.com

Hikvision South Africa
T: +27 (11) 08-000172
southafrica@ Hikvision.com

Hikvision France
T: +33 (0)1-69-10-0000
france@ Hikvision.com

Hikvision Kazakhstan
T: +7 (71) 57-00-00
kazakhstan@ Hikvision.com

Hikvision Vietnam
T: +84 (24) 381-0000
vietnam@ Hikvision.com

Hikvision UAE
T: +971 (0)4-30-0000
uae@ Hikvision.com

Hikvision Singapore
T: +65 (65) 4710
singapore@ Hikvision.com

Hikvision Spain
T: +34 (91) 157-0000
spain@ Hikvision.com

Hikvision Tashkent
T: +99 (77) 123-0000
tashkent@ Hikvision.com

Hikvision Hong Kong
T: +852 (251) 1000
hongkong@ Hikvision.com

Hikvision Russia
T: +7 (495) 500-0000
russia@ Hikvision.com

Hikvision Korea
T: +82 (0)2-31-0000
korea@ Hikvision.com

Hikvision Poland
T: +48 (22) 650-0000
poland@ Hikvision.com

Hikvision Indonesia
T: +62 (21) 20-0000
indonesia@ Hikvision.com

Hikvision Colombia
T: +57 (1) 20-0000
colombia@ Hikvision.com



iDS-2CD7186G2-IZ(H)S(Y)

8 MP DeepinView Moto Varifocal Dome Camera

DeepinView^{series}



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
- Capture vehicles and humans of different speed clearly via ShotN 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)
- High frame rate, up to 8MP@60fps and 2MP@120fps
- Built-in dual-mic and speaker for real-time audio security
- Built-in G-sensor for vibration detection
- Built-in power meter for historical power statistics



▪ 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 75°, rotate: 0° to 355°

Lens

Lens Type	Varifocal lens, motorized lens, 2.8 to 12 mm and 8 to 32 mm optional
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°
Focus	Auto, Semi-auto, Manual

Iris Type

P-iris

Aperture

2.8 to 12 mm: F1.38 to F2.53, 8 to 32 mm: F1.7 to F1.73

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
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

Up to 4 models,

Model Specification	Model type: detection model, classification model, mixed model (detection model and classification model)
---------------------	---



Video

	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)
Main Stream	*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

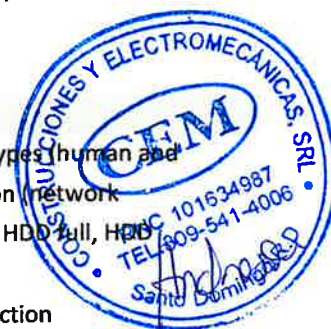
Audio Type	Mono sound
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/48 kHz
Environment Noise Filtering	Yes

Network

Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, 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
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+, Safari 11+, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
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.
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
SNR	≥ 52 dB
Privacy Mask	8 programmable polygon privacy masks
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	Yes, 2 built-in microphones
Built-in Speaker	Max. power consumption: 1.5 W, max. sound pressure level: 98 dB, speaker range: 10 m 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
Audio	
Alarm	2 inputs, 2 outputs (max. 24 VDC/24 VAC, 1 A)
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	Supports simultaneous detection and capture of human body, face, and vehicle, Gets 7 face features, Gets 13 human body features,
Multi-target-type Detection	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 Detects up to 120 faces simultaneously, captures up to 40 face pictures per frame simultaneously and uploads up to 10 face pictures per second, Supports swing left and right from -60° to 60°, tilt up and down from -30° to 30°,
Face Capture	Uploads face with background and closed-up face pictures, Supports best shot and quick shot for capture mode, Supports dynamic mosaic mask, Gets 7 face features
Face Comparison	Up to 10 face libraries. 30,000 faces for each library. 150,000 faces in total, Supports face library encryption
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle) Support combined event alarm triggering Supports Multi-Dimension People Counting, Supports counting, displaying and exporting the people flow data of entering, exiting and passing by (The data is stored in the flash.), Supports real-time uploading and uploading by statistic cycle,
People Counting	Supports generating daily, weekly, monthly or annually reports, 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, Supports face feature deduplication, Supports people flow data replenishment 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.



Hard Hat Detection	Detects up to 30 human targets simultaneously
Metadata	Supports up to 4 shield regions
	Intrusion detection,line crossing detection,region entrance detection,region exiting detection,face capture,multi-target-type detection
	Supports up to 8 detection regions, and independent arming schedule and linkage method
	Supports 3 detection modes: people density detection, number of people exception detection, waiting time exception detection
	Supports parameter settings: alarm times per exception, alarm interval, first alarm delay
	Supports searching real-time number of people
Regional People Counting	People density detection: supports scheduled uploading, number of people change uploading, congestion level uploading
	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)
	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)
	Supports up to 8 detection regions, and independent arming schedule and linkage method
On/Off Duty Detection	Supports 2 detection modes: absence detection, on/off duty detection
	Supports parameter settings: person on duty, absence duration
General	
Power	12 VDC $\pm$ 20%, 1.25 A, max. 14.75 W,three-core terminal block,reverse polarity protection, 24 VAC $\pm$ 20%, 1.05 A, max. 14.1 W, PoE: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.37 A to 0.27 A, max. 15.7 W
Material	Base: metal, cover: metal
Dimension	$\varnothing$ 144.3 mm $\times$ 114.1 mm ($\varnothing$ 5.7" $\times$ 4.5")
Package Dimension	244 mm $\times$ 174 mm $\times$ 173 mm (9.6" $\times$ 6.9" $\times$ 6.8")
Weight	Approx. 1100 g (2.43 lb.)
With Package Weight	Approx. 1482 g (3.27 lb.)
Storage Conditions	-40 °C to 65 °C (-40 °F to 149 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	With -H: -40 °C to 65 °C (-40 °F to 149 °F). Humidity 95% or less (non-condensing), Without -H: -30 °C to 65 °C (-22 °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,one-key reset,mirror,password protection
Cable Length	0.25 m (0.8 ft.)
Heater	-H: Yes
Device Management	Supports adding alarm box (DS-FM2466) in the LAN to expand 6 additional input and 6 output alarm interfaces



Approval

	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,
EMC	RCM: AS/NZS CISPR 32: 2015, IC: ICES-003: Issue 7, KC: KN32: 2015, KN35: 2015 CB: IEC 62368-1: 2014+A11,
Safety	CE-LVD: EN 62368-1: 2014/A11: 2017, BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005, LOA: IEC/EN 60950-1 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
Anti-Corrosion Protection	-Y: NEMA 4X (NEMA 250-2018)
Automotive and Railway	EN50121-4
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.

-Y model: This model has MODERATE PROTECTION.

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

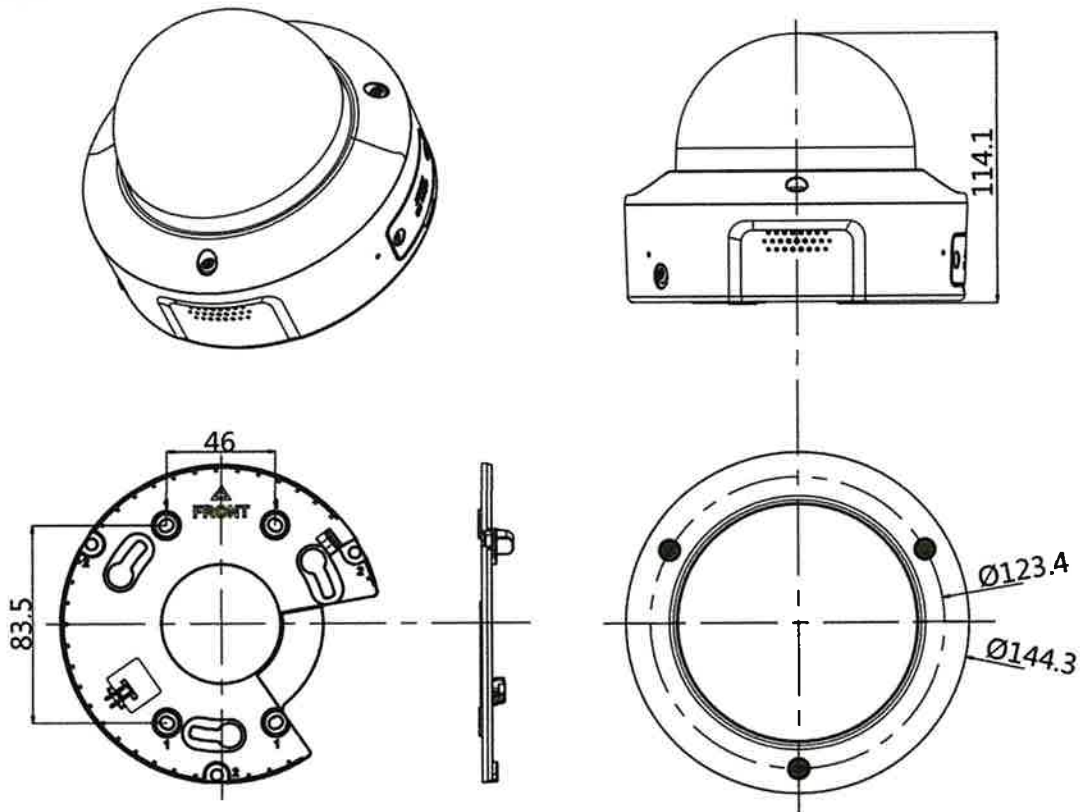
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped 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-2CD7186G2-IZS(2.8-12mm)
- iDS-2CD7186G2-IZS(8-32mm)
- iDS-2CD7186G2-IZHSY(2.8-12mm)
- iDS-2CD7186G2-IZHSY(8-32mm)



Dimension



Unit: mm

Accessory

Optional

DS-1271ZJ-140-DM

45

Pendant Mount

DS-1475ZJ-SUS

Vertical pole mount

DS-1227ZJ-DM32

In-ceiling mount

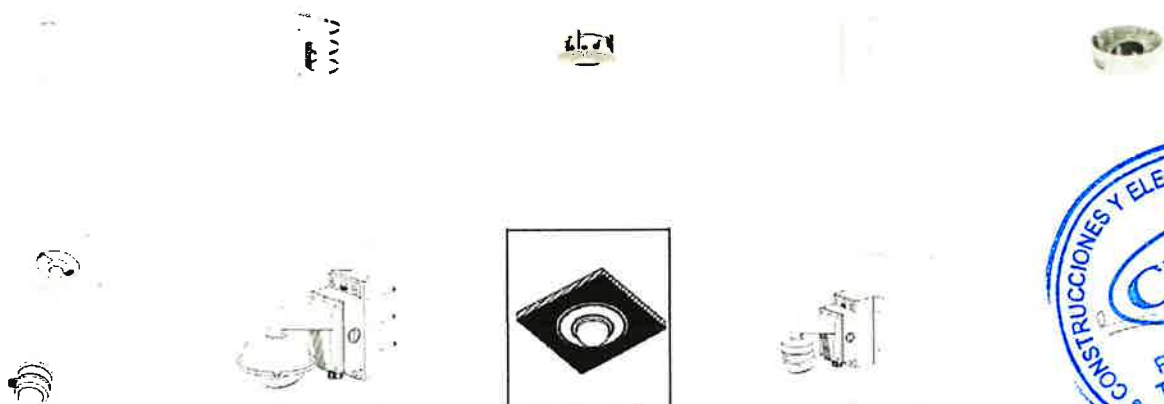
DS-1476ZJ-SUS

Corner mount

DS-1281ZJ-DM23

Inclined ceiling

mount



DS-1475ZJ-Y
Vertical pole mount



DS-1476ZJ-Y
Corner mount



DS-1273ZJ-160-AKS
Wall mount



DS-2280ZJ-WA140
Junction box



DS-2200ZJ-WA-140
Wall mount



DS-2200ZJ-WAJ-140
Wall mount



DS-2210ZJ-WA-140
Pendant Mount



DS-4220ZJ-WC
In-ceiling mount



See Far, Go Further



www.hikvision.com
support@hikvision.com



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)



▪ 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

	Memory: 60 MB,
Open Resources	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

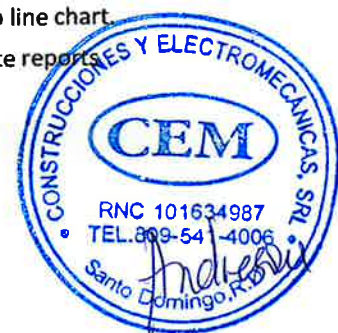
Support hardware decoding and software decoding



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 × 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")



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 12 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.

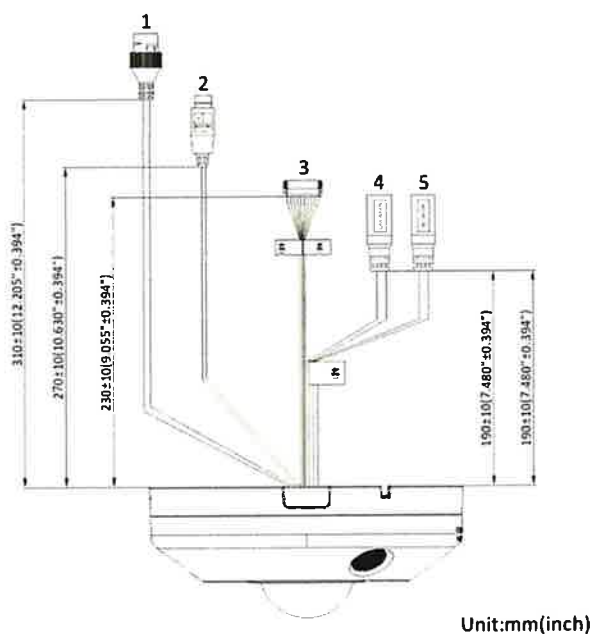


No specific protection

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

Physical Interface

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

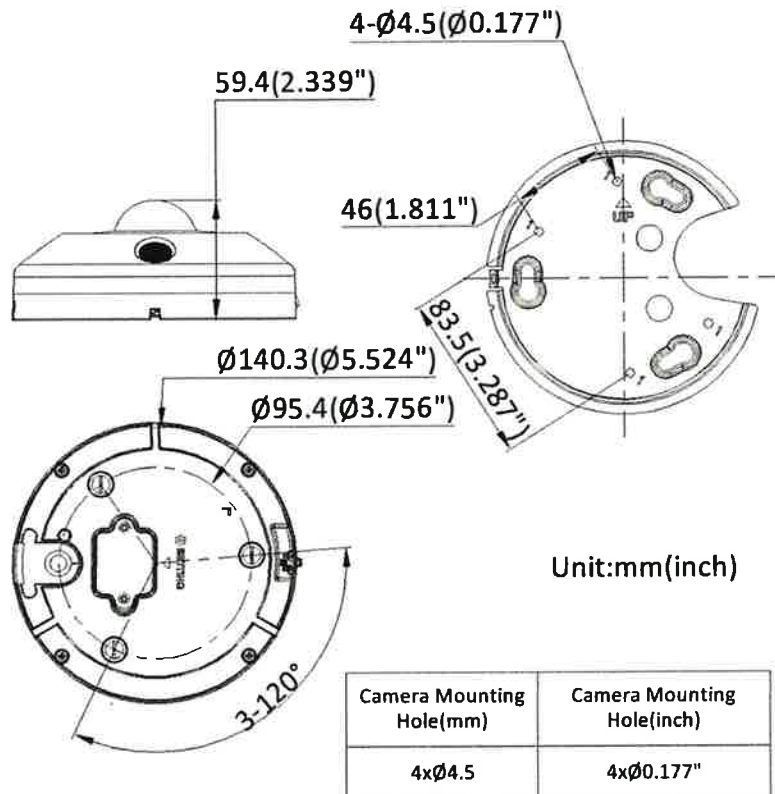


Available Model

DS-2CD6365G1-IVS(1.16mm)



Dimension



Accessory

Optional

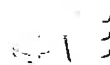
DS-1273ZJ-140
Wall mount

DS-1273ZJ-140B
Wall mount

DS-1271ZJ-140
Pendant Mount

DS-1275ZJ-SUS
Vertical pole mount

DS-1276ZJ-SUS
Corner mount



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.*



See Far, Go Further



www.hikvision.com
support@hikvision.com

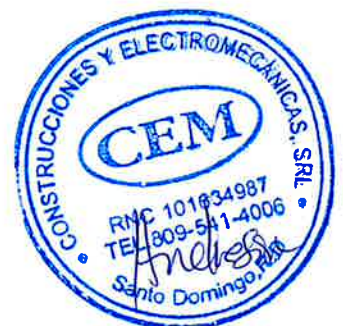


DS-3E1520HP-SI-16P2T2F Smart Gigabit PoE Pro-Series



Smart managed switches are developed by Hikvision, featuring easy management and maintenance. You can easily deploy, monitor and expand your 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.

- 16 x 10/100/1000 PoE Ports, 2 x 10/100/1000 Mbps RJ45, 2 x 10/100/1000 Mbps SFP
- Total PoE Power Budget 230 W
- Support 802.1Q VLAN
- Support 802.3bt Hi-PoE, Max. 90W for one port
- Support STP/RSTP Loop prevention, storm control
- Support cable detection to locate failure
- Support SNMP, QoS, DHCP snooping
- 6 kV Surge Protection



■ Specification

General

Shell	Metal material
Net Weight	2.735 kg (6.03 lb)
Gross Weight	3.31 kg (7.30 lb)
Dimensions (W × H × D)	440 mm × 44 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 50/60 Hz 4 A
Installation Mode	Desk-Mounted,Rack (equipped with mounting ears)
Max. Power Consumption	250 W
Power Consumption in Idle	20 W
Surge Protection	6 kV

Network Parameters

Ports	16 × Gigabit PoE port, 2 × Gigabit RJ45 port, 2 × Gigabit fiber optical port
MAC Address Table	8 K
Switching Capacity	Whole-Device Performance: 56 Gbps Port Performance: 40 Gbps
Packet Forwarding Rate	Whole-Device Performance: 29.76 Mpps Port Performance: 41.66 Mpps
Internal Cache	4.1 Mbits

PoE Power Supply

PoE Standard	Ports 1 to 4: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 5 to 16: IEEE 802.3af, IEEE 802.3at
PoE Power Pin	Ports 1 to 4: 8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-) Ports 5 to 16: End-span: 1/2(-), 3/6(+)
PoE Port	Hi-PoE: Ports 1 to 4 PoE: Ports 5 to 16
Max. Port Power	Ports 1 to 4: 90 W Ports 5 to 16: 30 W
PoE Power Budget	230 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 20: 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 is used to aggregate multiple physical ports to form a logical port for load balancing, bandwidth expansion, and port protection.
Link Aggregation	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.
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.
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. 4094 VLAN. Support one-click activation and remote management via Hik-Partner Pro. Functions supported:
HPP	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. Support device management via web. Support DHCP Client. Enabled by default for dynamic assignment of management IP addresses. Support Super IP, which is a fixed IP address (10.180.190.200) for direct access. Support management via Hik-Central Pro.
System Maintenance	Support remote management via Hik-Partner Pro. Support cable detection. Abnormal open circuits and short circuits as well as network cable length can be detected. Supports 802.1ab LLDP for peer device discovery. Support SNMP v1/v2c for third-party management platform access. Support port mirroring for fault locating.
Port Rate-Limiting	Port rate-limiting is used for port bandwidth adjustment to prevent network congestion.
Storm Control	Storm control is used to prevent switch ports from being blocked by broadcast or multicast storms in the LAN, which may affect network communication. Support port rate limiting based on broadcast, multicast, and unknown unicast packets.
DHCP Snooping	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. Disabled by default.
ACL	Port security strategy. Support up to 64 ACL entries. Support up to 128 configuration rules under all ACL entries.



IPSG can control the security of port access device.
Support port, MAC, IP binding.
Support 256 security entries.

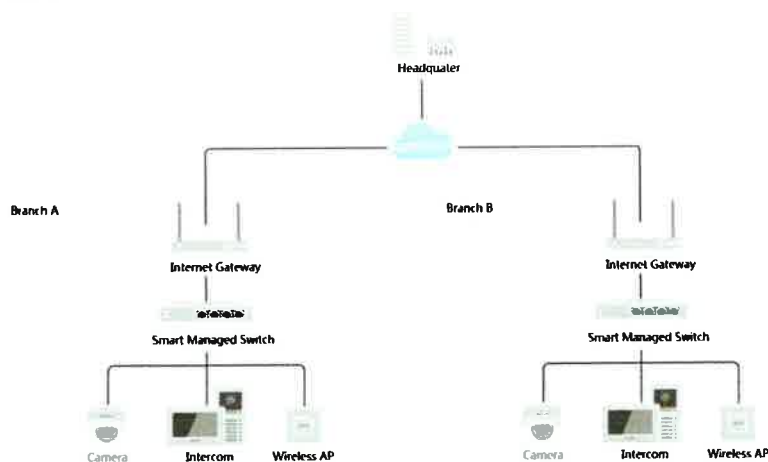
Approval

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), IC (ICES-003: Issue 7:2020), RCM (AS/NZS CISPR 32: 2015)
CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition)), CE-LVD (EN 62368-1: 2014+A11: 2017)
Chemistry CE-RoHS (2011/65/EU), WEEE (2012/19/EU), Reach (Regulation (EC) No.1907/2006)

Available Model

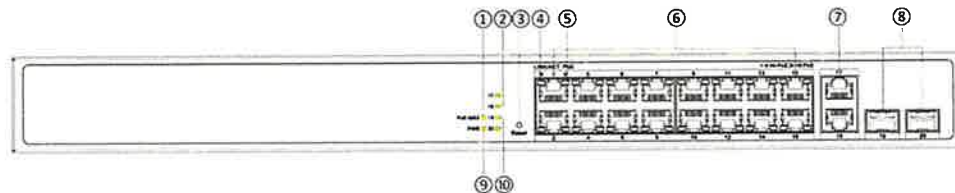
DS-3E1520HP-SI-16P2T2F

Typical Application



Physical Interface

Front Panel



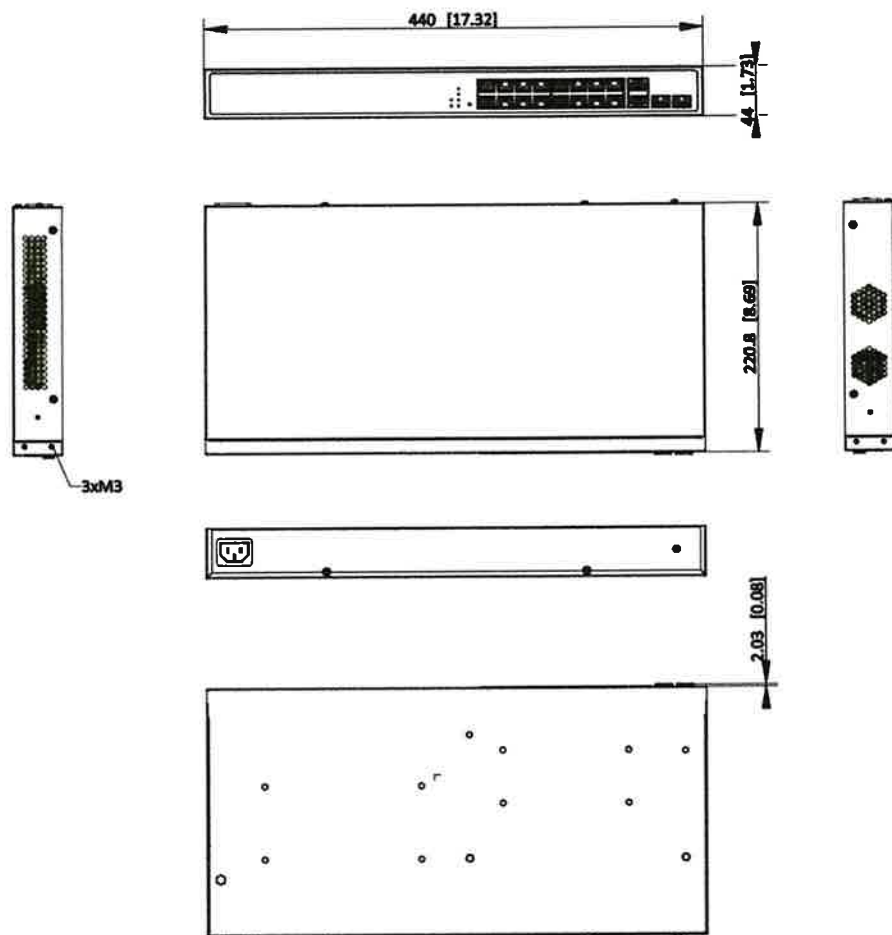
Rear Panel



No.	Indicator/ Port	Description
①	PoE-MAX Indicator	● 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. Note: The PoE-MAX indicator will be unlit in 5 seconds after the output power of the switch returns to normal.
②	Gigabit RJ45 Port Indicator	● Solid on: The gigabit RJ45 port is connected. ● Flashing: The gigabit RJ45 port is transmitting data. ● Unlit: The gigabit RJ45 port is disconnected or connection is abnormal.
③	Reset Button	Press and hold the reset button for about 5 seconds to restore all the configurations of the switch to default settings.
④	LINK/ACT Indicator	● Solid on: The port is connected. ● Flashing: The port is transmitting data. ● Unlit: The port is disconnected or connection is abnormal.
⑤	PoE Indicator	● Solid on: The switch provides power supply to a PD normally. ● Unlit: The switch is disconnected to a PD, or provides power supply to a PD abnormally.
⑥	Gigabit PoE RJ45 Port	Used for connection to a PD via a network cable. Note: Ports 1 to 4 of 1520HP series switches are Hi-PoE RJ45 ports, which can be connected to high-power devices.
⑦	Gigabit RJ45 Port	Used for connection to another device via a network cable.
⑧	Gigabit SFP Fiber Optical Port	Used for connection to another device via an optical fiber when plugged into with an optical module.
⑨	PWR Indicator	● Solid on: The switch is powered on normally. ● Unlit: No power supply is connected or power supply is abnormal.
⑩	Gigabit SFP Fiber Optical Port Indicator	● 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.
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.



▪ **Dimension**



Unit: mm [inch]

SCALE 1:1



See Far, Go Further



www.hikvision.com
support@hikvision.com



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



Smart managed switches are developed by Hikvision, featuring easy management and maintenance. You can easily deploy, monitor and expand your 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 10/100/1000 Mbps PoE Ports, 2 x 10/100/1000 Mbps RJ45, 2 x 10/100/1000 Mbps SFP
- Total PoE Power Budget 370 W
- Support 802.1Q VLAN
- Support 802.3bt Hi-PoE, Max. 90W for one port
- Support STP/RSTP Loop prevention, storm control
- Support cable detection to locate failure
- Support SNMP, QoS, DHCP snooping
- 6 kV Surge Protection



▪ Specification

General

Shell	Metal material
Net Weight	2.975 kg (6.56 lb)
Gross Weight	3.535 kg (7.79 lb)
Dimensions (W × H × D)	440 mm × 44 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 50/60 Hz 6.3 A
Installation Mode	Desk-Mounted,Rack (equipped with mounting ears)
Max. Power Consumption	400 W
Power Consumption in Idle	30 W
Surge Protection	6 kV

Network Parameters

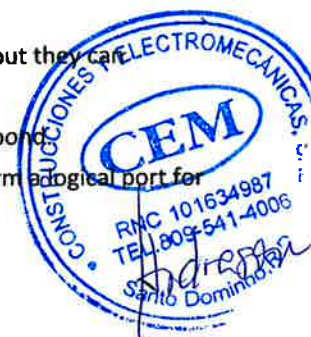
Ports	24 × Gigabit PoE port,2 × Gigabit RJ45 port,2 × Gigabit fiber optical port
MAC Address Table	8 K
Switching Capacity	Whole-Device Performance: 56 Gbps Port Performance: 56 Gbps
Packet Forwarding Rate	Whole-Device Performance: 41.66 Mpps Port Performance: 41.66 Mpps
Internal Cache	4.1 Mbits

PoE Power Supply

PoE Standard	Ports 1 to 4: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 5 to 24: IEEE 802.3af, IEEE 802.3at
PoE Power Pin	Ports 1 to 4: 8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-) Ports 5 to 24: End-span: 1/2(-), 3/6(+)
PoE Port	Hi-PoE: Ports 1 to 4 PoE: Ports 5 to 24
Max. Port Power	Ports 1 to 4: 90 W Ports 5 to 24: 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.
Port Isolation	Ports 1 to 28: 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 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 is used for network scale planning and network health improvement.
VLAN	Support 802.1Q. Configurable VLAN ID from 1-4094. Support Trunk, Access port mode. Support Max. 4094 VLAN.
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. Support one-click activation and remote management via Hik-Partner Pro. Functions supported:
HPP	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. Support device management via web. Support DHCP Client. Enabled by default for dynamic assignment of management IP addresses. Support Super IP, which is a fixed IP address (10.180.190.200) for direct access. Support management via Hik-Central Pro.
System Maintenance	Support remote management via Hik-Partner Pro. Support cable detection. Abnormal open circuits and short circuits as well as network cable length can be detected. Supports 802.1ab LLDP for peer device discovery. Support SNMP v1/v2c for third-party management platform access. Support port mirroring for fault locating.
Port Rate-Limiting	Port rate-limiting is used for port bandwidth adjustment to prevent network congestion.
Storm Control	Storm control is used to prevent switch ports from being blocked by broadcast or multicast storms in the LAN, which may affect network communication. Support port rate limiting based on broadcast, multicast, and unknown unicast packets.
DHCP Snooping	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. Disabled by default.
ACL	Port security strategy. Support up to 64 ACL entries. Support up to 128 configuration rules under all ACL entries.



IPSG can control the security of port access device.
Support port, MAC, IP binding.
Support 256 security entries.

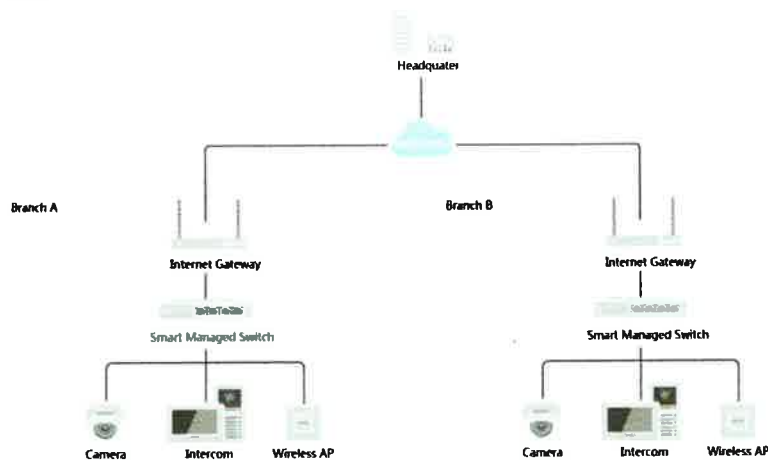
Approval

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), IC (ICES-003: Issue 7:2020), RCM (AS/NZS CISPR 32: 2015)
Safety CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition)), CE-LVD (EN 62368-1: 2014+A11: 2017)
Chemistry CE-RoHS (2011/65/EU), WEEE (2012/19/EU), Reach (Regulation (EC) No.1907/2006)

Available Model

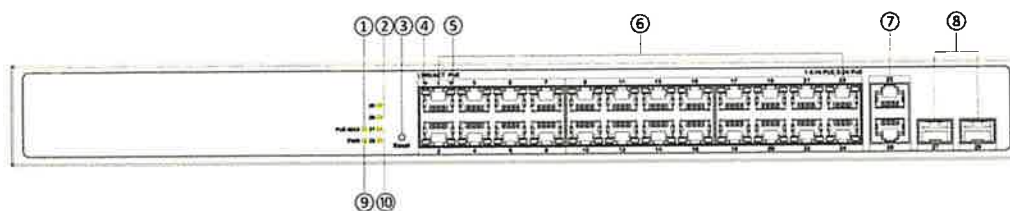
DS-3E1528HP-SI-24P2T2F

Typical Application



Physical Interface

Front Panel



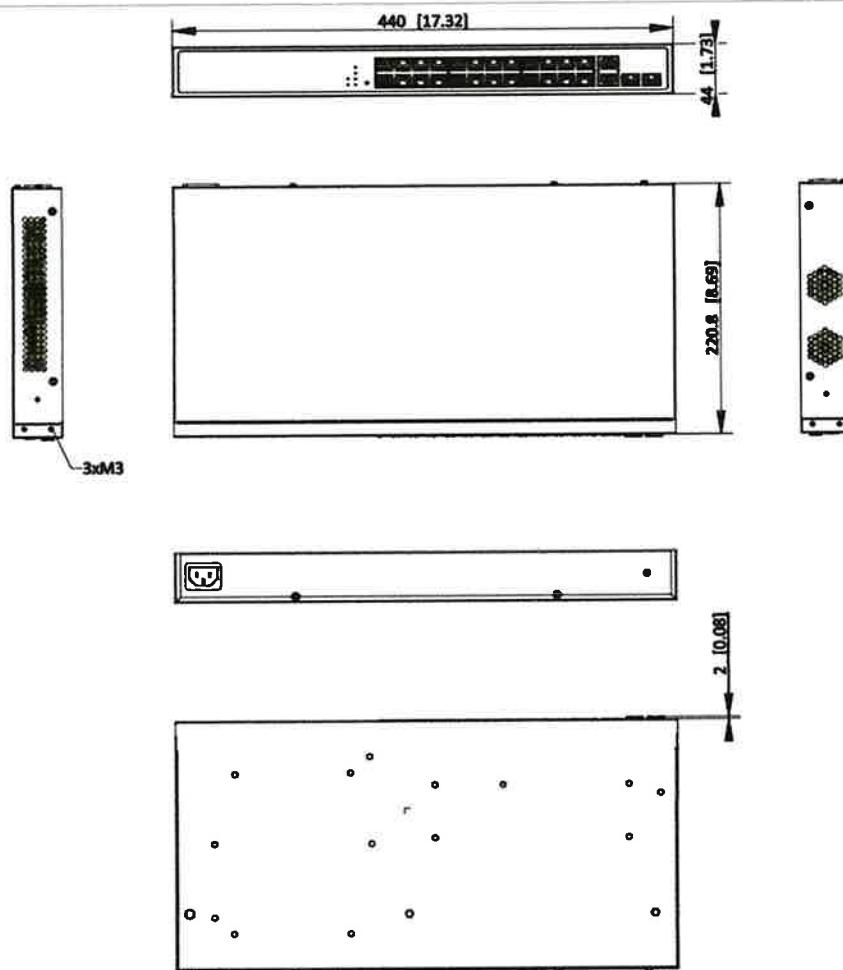
Rear Panel



No.	Indicator/ Port	Description
①	PoE-MAX Indicator	● 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. Note: The PoE-MAX indicator will be unlit in 5 seconds after the output power of the switch returns to normal.
②	Gigabit RJ45 Port Indicator	● Solid on: The gigabit RJ45 port is connected. ● Flashing: The gigabit RJ45 port is transmitting data. ● Unlit: The gigabit RJ45 port is disconnected or connection is abnormal.
③	Reset Button	Press and hold the reset button for about 5 seconds to restore all the configurations of the switch to default settings.
④	LINK/ACT Indicator	● Solid on: The port is connected. ● Flashing: The port is transmitting data. ● Unlit: The port is disconnected or connection is abnormal.
⑤	PoE Indicator	● Solid on: The switch provides power supply to a PD normally. ● Unlit: The switch is disconnected to a PD, or provides power supply to a PD abnormally.
⑥	Gigabit PoE RJ45 Port	Used for connection to a PD via a network cable. Note: Ports 1 to 4 of 1528HP series switches are Hi-PoE RJ45 ports, which can be connected to high- power devices.
⑦	Gigabit RJ45 Port	Used for connection to another device via a network cable.
⑧	Gigabit SFP Fiber Optical Port	Used for connection to another device via an optical fiber when plugged into with an optical module.
⑨	PWR Indicator	● Solid on: The switch is powered on normally. ● Unlit: No power supply is connected or power supply is abnormal.
⑩	Gigabit SFP Fiber Optical Port Indicator	● 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.
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.



▪ **Dimension**



Unit: mm [inch]



See Far, Go Further



www.hikvision.com
support@hikvision.com



DS-3E1552P-SI**Smart Managed 48-Port Gigabit 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.

- IEEE 802.3af/at PoE standard
- 48 x Gigabit PoE Ports, 2 x gigabit RJ45, 2 x fiber optical ports
- Total PoE Power Budget 470W
- PoE Watchdog, STP/RSTP, VLAN, SNMP, QoS
- 104 Gbps Switching Capacity
- 16 K MAC Address Entries



▪ 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. 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. Ports 1 to 48: port isolation mode to improve network security.
Port Isolation	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 is used to aggregate multiple physical ports to form a logical port for load balancing, bandwidth expansion, and port protection.
Link Aggregation	Support static link aggregation. Support 8 aggregation groups. QoS is used to allocate bandwidth to different services so as to provide end-to-end service quality assurance.
QoS	Support port-based priority configuration. Support SP, WRR priority schedule mode.

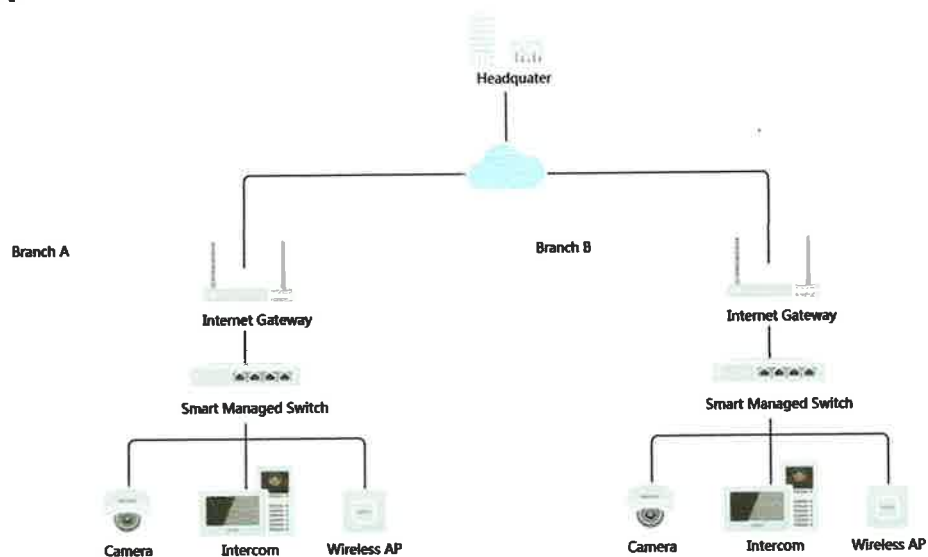


Loop Prevention	Loop prevention is used to prevent the switching network from forming loops, which will seriously affect network communication. Disabled by default. Support 802.1D STP. Support 802.1w RSTP. VLAN is used for network scale planning and network health improvement. Support 802.1Q.
VLAN	Configurable VLAN ID from 1-4094. Support Trunk, Access port mode. Support Max. 4094 VLAN. Support one-click activation and remote management via Hik-Partner Pro. Functions supported: 1. Display the port rate. 2. Display the port bandwidth utilization rate. 3. Display topology information. 4. Display the alarm status. 5. Restart ports and devices. 6. Remotely upgrade the device.
HPP	
System Maintenance	Support remote upgrade, default parameter restoration, logs viewing, basic network parameter configuration, import and export configuration, and time synchronization.
Port Rate-Limiting	Port rate-limiting is used for port bandwidth adjustment to prevent network congestion.
Storm Control	Storm control is used to prevent switch ports from being blocked by broadcast or multicast storms in the LAN, which may affect network communication. Support port rate limiting based on broadcast, multicast, and unknown unicast packets.
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)

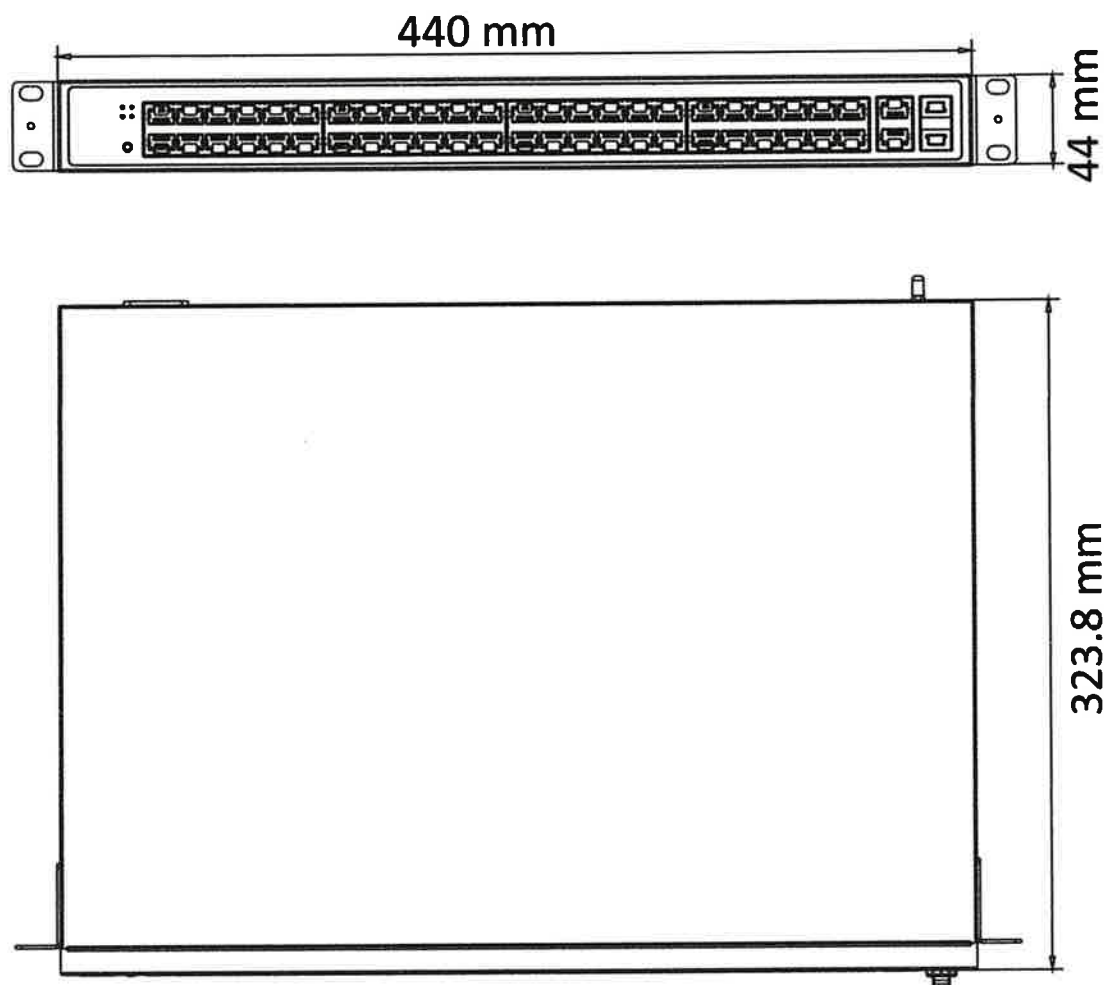
▪ **Available Model**
DS-3E1552P-SI



▪ Typical Application



▪ **Dimension**



Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T - 86-571-8307-5998
www.hikvision.com

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



Hikvision



HikvisionHQ



HikvisionHQ



Hikvision_Global



Hikvision
Corporate Channel



hikvisionhq



Pro-Link Enclosed Rack fixed wall mount 9U (600 mm depth)

code: PL-GP-9U-600X600



Especificaciones:

Estructura completa con guías frontales y traseras para rack de 19", ajustables en profundidad para adaptarse a cualquier necesidad.

Puerta arqueada ventilada reversible (apertura a izquierda o derecha) con cristal de seguridad de 4mm que le confiere un diseño más atractivo y cerradura con llave.

Apertura de la puerta de 180 grados.

Orificios para el paso de cables en los paneles superior e inferior. Estos orificios pueden dejarse abiertos o cerrados con una placa metálica.

Perforación para hasta dos ventiladores de 12 cm en el panel superior (ventiladores no incluidos).

Orificios en la placa trasera para la fijación del armario a la pared.



Paneles laterales extraíbles sin tornillos para un cómodo acceso lateral al cableado y a los accesorios alojados. Opcionalmente, se puede instalar una cerradura en los paneles laterales para evitar accesos no deseados.

Cumplen con las normas más exigentes: ANSI/EIARS-310-D, IEC297-2, DIN41491 (parte 1, parte 7) y DIN41494.

Capacidad de carga: 72 kg

Peso bruto: 17 kg

Dimensiones del producto: 50,8 cm de alto x 61 cm de ancho x 61 cm de profundidad

Garantía limitada de 25 años



#11

Pro-Link Enclosed Rack fixed wall mount 7U (600 mm depth)

code: PL-GP-7U-600X600



Especificaciones:

Estructura completa con guías frontales y traseras para rack de 19", ajustables en profundidad para adaptarse a cualquier necesidad.

Puerta arqueada ventilada reversible (apertura a izquierda o derecha) con cristal de seguridad de 4mm que le confiere un diseño más atractivo y cerradura con llave.

Apertura de la puerta de 180 grados.

Orificios para el paso de cables en los paneles superior e inferior. Estos orificios pueden dejarse abiertos o cerrados con una placa metálica.

Perforación para hasta dos ventiladores de 12 cm en el panel superior (ventiladores no incluidos).

Orificios en la placa trasera para la fijación del armario a la pared.



Paneles laterales extraíbles sin tornillos para un cómodo acceso lateral al cableado y a los accesorios alojados. Opcionalmente, se puede instalar una cerradura en los paneles laterales para evitar accesos no deseados.

Cumplen con las normas más exigentes: ANSI/EIARS-310-D, IEC297-2, DIN41491 (parte 1, parte 7) y DIN41494.

Capacidad de carga: 72 kg

Peso bruto: 17 kg

Dimensiones del producto: 50,8 cm de alto x 61 cm de ancho x 61 cm de profundidad

Garantía limitada de 25 años



PL Series Rack Mount Online UPS

1kVA-3kVA 1:1 PF:1.0 110V/120V/220V/240V



Performance Characteristics

- True double conversion
- Microprocessor control optimizes reliability
- DSP technology guarantees high performance
- Input power factor correction
- Output power factor 1.0
- Extremely wide input voltage window of 110VAC to 300VAC
- High efficiency up to 95.5%
- 50Hz/60Hz frequency converter mode
- ECO mode for energy saving
- Emergency power off (EPO) function
- Graphic LCD display with interactive multilingual user interface
- Adjustable battery numbers
- Adjustable charging current via LCD panel
- Adjustable charging mode with two stages or three stages
- Charger capacity expansion to 12A for long-run models
- Programmable output voltage
- Cold start by battery without grid input
- Smart battery charging technology for maximum durability of the battery
- Generator compatible
- Extension slot for SNMP

Applied Range

Small-scale Data Centers, Local Area Network Servers, Communication Base Station Servers, Bank Branches, Industrial Automation Control Systems, Automated Equipment, Office Terminal Devices, Storage Devices

Series Overview

Pro-link PL series rack mount type is a double conversion online UPS with output power factor 1.0. Designed in 2U, it adopts advanced DSP digital control technology to effectively improve product performance and system reliability. The ECO and frequency inverter operation modes highlight the requirements for a modern versatile UPS. It is widely suitable for safe supply of application-critical loads in the IT environment such as workstations, servers, storage systems and sensitive switching and control systems.

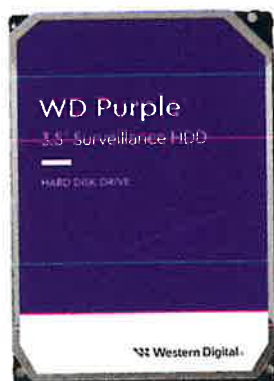




Technical Specification

Model		PL-1101	PL-1101B	PL-1102	PL-1102B	PL-1103	PL-1103B	
Capacity(VA/W)		1K/1K		2K/2K		3K/3K		
Battery Voltage		36VDC	24VDC	72VDC	48VDC	96VDC	72VDC	
Size (WxDxHmm)		440x420x88				440x600x88		
Net Weight (Kg)		6.5	10.5	7.9	17	8.2	23	
Input	Input Format	L+N+PE						
	Rated Voltage	110/120/220/240VAC						
	Voltage Range	110-300VAC						
	Frequency Range	50/60±6Hz(Default); ±10Hz(Settable)						
	Power Factor	≥0.99						
	Harmonic Distortion(THDi)	≤4% THD (Linear Load); ≤5% THD (Non-linear Load)						
	Output Format	L+N+PE						
	Rated Voltage	110/120/220/240VAC						
	AC Voltage Regulation	±1%						
	Frequency Range	AC Mode:same as AC, Battery Mode:50/60Hz±1%						
Output	Harmonic Distortion(THDi)	≤3% THD (Linear Load); ≤5% THD (Non-linear Load)						
	Power Factor	1						
	Overload Capacity	AC Mode:			Battery Mode:			
		30min@102%~110% load			1min@102%~110% load			
		10min@110%~130% load			10s@110%~130% load			
		30s@130%~150% load			3s@130%~150% load			
	200ms@>150% load			200ms@>150% load				
	Wave Form	Pure Sine Wave						
	Transfer Time	AC Mode to Battery Mode	0ms					
		Inverter to Bypass	4ms					
Efficiency	AC Mode	94.5%@220VAC			95.5%@220VAC			
	Battery Mode	88.5%	87.5%	91.5%	89.5%	91.5%	91.5%	
	Battery Type	Depending on applications						
Battery	Battery Numbers	3	12V7Ahx2	6	12V7Ahx4	8	12V7Ahx6	
	Charging Current	5A(Default), 1-12A(Adjustable)	1A(Default), 1-4A(Adjustable)	5A(Default), 1-12A(Adjustable)	1A(Default), 1-4A(Adjustable)	5A(Default), 1-12A(Adjustable)	1A(Default), 1-4A(Adjustable)	
	Charging Mode	Two-stage / Three-stage charging						
Display	LCD Display	Working mode/load/input/output						
	Operation Temperature	0~40°C						
	Storage Temperature	-15~60°C (Battery: 0~40°C)						
Environment	Relative Humidity	20%~95%(No condensation)						
	Altitude	≤1000m						
	Noise	≤45dB@1 Meter						
Management	RS232/USB	Windows 2000/2003/XP/Vista/2008/7/8/10, Linux and MAC						
	Optional SNMP	Power management from SNMP manager and web browser						





Puntos destacados del producto

- Capacidad máxima de hasta 8 TB¹
- Diseñado para sistemas de vigilancia tradicionales
- La tecnología AllFrame™ WD ofrece optimizaciones para cargas de trabajo de escritura intensiva, con baja velocidad de bits y de alta transmisión típicas para aplicaciones de vigilancia
- Admite un índice de carga de trabajo de hasta 180 TB por año⁷
- Garantía limitada de 3 años⁹

Discos duros WD Purple™

El disco adecuado para videovigilancia inteligente

Los discos WD Purple™ están diseñados para enfrentar los desafíos que supone la grabación para videovigilancia las 24 horas del día, los 7 días de la semana. Estos discos están diseñados específicamente para la videovigilancia, con el objetivo de soportar las variaciones elevadas en la temperatura y las vibraciones en el equipo dentro de un entorno de NVR. Un disco de escritorio promedio está creado para funcionar solo en intervalos cortos y no en el entorno severo de funcionamiento continuo las 24 horas, los 7 días de la semana de un sistema de videovigilancia de alta definición. Con los discos WD Purple, obtiene almacenamiento confiable, específico para videovigilancia y compatible con una amplia variedad de sistemas de seguridad. La exclusiva tecnología WD AllFrame™ ayuda a reducir la pérdida de cuadros y a mejorar la reproducción general de los videos.

Almacenamiento líder en el sector. Vigilancia en la que puede confiar.

Western Digital ofrece almacenamiento para videovigilancia desde hace más de una década. Con el almacenamiento para vigilancia WD Purple™, usted cuenta con discos diseñados para sistemas de vigilancia continua de alta temperatura, por lo que puede confiar en la reproducción de video de calidad cuando más lo necesita. WD Purple ofrece un almacenamiento de video inteligente en el que usted puede confiar y que además está respaldado por una garantía limitada de 3 años⁹.

Tecnología exclusiva WD AllFrame™ de Western Digital

Todos los discos WD Purple™ están equipados con la tecnología AllFrame™, que ayuda a reducir las caídas de cuadros de video y mejora su grabación y reproducción.

Índices de carga de trabajo mejorados

Los discos WD Purple™ incluyen un índice de carga de trabajo hasta 180 TB por año⁷, hasta tres veces mayor al de los discos de escritorio, a fin de satisfacer las exigencias únicas de los sistemas DVR y NVR estándares para la videovigilancia.

Múltiples cámaras, múltiples flujos

Las grabadoras modernas ahora admiten múltiples secuencias de video por cámara. Los discos WD Purple™ admiten hasta 64 cámaras HD de secuencia única. Las grabadoras modernas ahora admiten múltiples secuencias de video por cámara. Los discos WD Purple™ selectos admiten hasta 64 cámaras HD de secuencia única³. Con tantas opciones, cuenta con la flexibilidad para actualizar o expandir sus aplicaciones de seguridad en el futuro.

Diseñados para brindar un funcionamiento confiable

Están diseñados para ofrecer confiabilidad con un MTBF hasta 1 millón de horas⁸ y están respaldados por una garantía limitada de 3 años⁹. WD Purple ofrece componentes resistentes al daño¹¹ y soporte para los sistemas de almacenamiento hasta 16 compartimentos del disco¹². Los discos duros WD Purple están diseñados con el control de recuperación de errores RAID que ayuda a reducir las fallas en las videograbadoras compatibles.

Amplia compatibilidad. Integración sin inconvenientes

Los discos duros WD Purple™ son creados considerando la compatibilidad, por lo que puede agregar capacidad a su sistema de vigilancia de manera rápida y sin inconvenientes. Gracias a la amplia variedad de gabinetes y chipsets compatibles líderes del sector, seguro encontrará la configuración DVR o NVR indicada para usted.

Garantía limitada de tres años

Como fabricante líder del sector de discos duros, Western Digital garantiza sus soluciones de almacenamiento para vigilancia con una garantía limitada de 3 años⁹, que viene incluida por cada disco WD Purple™.



Especificaciones

	8 TB	6 TB	6 TB	4 TB	4 TB
Número de modelo	WD84PURZ	WD64PURZ	WD63PURZ	WD43PURZ	WD42PURZ
Capacidad formateada ¹	8 TB	6 TB	6 TB	4 TB	4 TB
Factor de forma	3,5 pulgadas	3,5 pulgadas	3,5 pulgadas	3,5 pulgadas	3,5 pulgadas
Formato avanzado (AF)	Sí	Sí	Sí	Sí	Sí
Tecnología de grabación	CMR	CMR	CMR	CMR	CMR
Cumplimiento de la normativa RoHS ²	Sí	Sí	Sí	Sí	Sí
Características del producto					
Cámaras compatibles ³	Hasta 64 HD	Hasta 64 HD	Hasta 64 HD	Hasta 64 HD	Hasta 64 HD
Máximo de bahías del disco compatibles	16	16	16	16	16
Nombre de la característica de firmware	AllFrame	AllFrame	AllFrame	AllFrame	AllFrame
Componentes resistentes a los daños	Sí	Sí	Sí	Sí	Sí
Sensores RV	Sí	Sí	Sí	Sí	Sí
Rendimiento					
Velocidad de transferencia de la interfaz (máx.) ⁴	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s
Búfer a host	194 MB/s	180 MB/s	175 MB/s	180 MB/s	175 MB/s
Host hacia/desde disco (sostenido) ⁵					
Caché (MB) ¹	128	256	256	256	256
Confiabilidad/integridad de los datos					
Ciclos de carga/descarga ⁶	300 000	300 000	300 000	300 000	300 000
Índice anualizado de carga de trabajo ⁷	180 TB/año	180 TB/año	180 TB/año	180 TB/año	180 TB/año
Errores de lectura no recuperables por bits leídos	<1 en 10 ¹⁴	<1 en 10 ¹⁴	<1 en 10 ¹⁴	<1 en 10 ¹⁴	<1 en 10 ¹⁴
Tiempo medio entre fallos (MTBF)	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000
Garantía limitada (años) ⁹	3	3	3	3	3
Administración de la energía¹⁰					
Requisitos promedio de energía (W)					
Lectura/escritura	6,2	4,7	4,6	4,7	4,6
Inactivo	5,5	4,3	3,7	4,3	3,7
Espera y suspensión	0,4	0,3	0,3	0,3	0,3
Especificaciones ambientales¹⁰					
Temperatura (°C, en el armazón de la base)					
En funcionamiento	0 a 65	0 a 65	0 a 65	0 a 65	0 a 65
Inactivo	-40 a 70	-40 a 70	-40 a 70	-40 a 70	-40 a 70
Choque (Gs)					
En funcionamiento (2 ms, lectura/escritura)	30	30	30	30	30
En funcionamiento (2 ms, lectura)	65	65	65	65	65
Inactivo (2 ms)	250	250	250	250	250
Acústica (dBA)					
Inactivo	25	23	23	23	23
Búsqueda (promedio)	30	27	27	27	27
Dimensiones físicas					
Altura (pulgadas/mm, máx.)	1,028/26,1	1,028/26,1	1,028/26,1	1,028/26,1	1,028/26,1
Longitud (pulgadas/mm, máx.)	5,787/147	5,787/147	5,787/147	5,787/147	5,787/147
Ancho (pulgadas/mm, ±0,01 pulgadas)	4/101,6	4/101,6	4/101,6	4/101,6	4/101,6
Peso (libras/kg, ±3 %)	1,58/0,72	1,26 / 0,57	1,26 / 0,57	1,26 / 0,57	1,26 / 0,57

1 1 MB = un millón de bytes, 1 GB = mil millones de bytes y 1 TB = un billón de bytes. La capacidad real del usuario puede ser menor, según el entorno de operación.

2 Este disco cumple con la Directiva de la Unión Europea 2011/65/UE y la Directiva Delegada (UE) 2015/863 en relación con restricciones a la utilización de determinadas sustancias peligrosas en aparatos eléctricos y electrónicos.

3 Secuencia única a 3,2 Mbps (1080p, H.265, 25 fps). Los resultados pueden variar según la resolución de la cámara, el formato del archivo, los cuadros por segundo, el software, la configuración del sistema, la calidad del video y otros factores.

4 GigaByte por segundo (Gbps) = un millón de bytes por segundo. La máxima velocidad de transferencia efectiva de SATA a 6 Gb/s se ha calculado según las especificaciones de Serial ATA publicadas por la organización SATA-IO a partir del momento de esta ficha de especificaciones. Visite www.sata-io.org para obtener más detalles.

5 1 MB/s = un millón de bytes por segundo. Según pruebas internas; el rendimiento puede variar en función del dispositivo host, las condiciones de uso, la capacidad de la unidad y otros factores.

6 Descarga controlada en condición ambiente.

7 El índice de carga de trabajo se define como la cantidad de datos del usuario que se transfiere desde o hacia el disco duro. Índice anualizado de carga de trabajo (TB transferidos a [8760] horas de operación grabadas). El índice de carga de trabajo variará dependiendo de las configuraciones y los componentes de hardware y software.

8 Las especificaciones de MTBF se basan en una población de muestra y se calculan a partir de medidas estadísticas y según aceleración en las condiciones operativas normales: carga de trabajo de 90 TB por año y temperatura de disco de 40 °C. En las condiciones superan estos parámetros, hasta 65 °C de temperatura del disco, se reducen el MTBF. El MTBF no representa la confiabilidad de un disco individual ni tampoco constituye una garantía.

9 Visite <http://support.wdc.com/warranty> para obtener información detallada sobre la garantía y su extensión.

10 Mediciones de potencia a temperatura ambiente.

11 Componentes resistentes a los daños con capacidades de 3 TB en adelante.

12 1 TB a 2 TB admiten hasta 8 compartimentos; 3 TB y superiores admiten hasta 16 compartimentos.

Western Digital.



Especificaciones

	3 TB	2 TB	2 TB	1 TB	1 TB
Número de modelo	WD33PURZ	WD23PURZ	WD22PURZ	WD11PURZ	WD10PURZ
Capacidad formateada ¹	3 TB	2 TB	2 TB	1 TB	1 TB
Factor de forma	3,5 pulgadas	3,5 pulgadas	3,5 pulgadas	3,5 pulgadas	3,5 pulgadas
Formato avanzado (AF)	Sí	Sí	Sí	Sí	Sí
Tecnología de grabación	CMR	CMR	CMR	CMR	CMR
Cumplimiento de la normativa RoHS ²	Sí	Sí	Sí	Sí	Sí
Características del producto					
Cámaras compatibles ³	Hasta 64 HD	Hasta 64 HD	Hasta 64 HD	Hasta 64	Hasta 64
Máximo de bahías del disco compatibles	8	8	8	8	8
Nombre de la característica de firmware	AllFrame	AllFrame	AllFrame	AllFrame	AllFrame
Componentes resistentes a los daños	Sí	No	No	No	No
Sensores RV	Sí	No	No	No	No
Rendimiento					
Velocidad de transferencia de la interfaz (máx.) ⁴	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s
Búfer a host	180 MB/s	180 MB/s	175 MB/s	180 MB/s	110 MB/s
Host hacia/desde disco (sostenido) ⁵					
Caché (MB) ¹	256	64	256	64	64
Confiabilidad/Integridad de los datos					
Ciclos de carga/descarga ⁶	300 000	300 000	300 000	300 000	300 000
Índice anualizado de carga de trabajo ⁷	180 TB/año	180 TB/año	180 TB/año	180 TB/año	180 TB/año
Errores de lectura no recuperables por bits leídos	<1 en 10 ¹⁴	<1 en 10 ¹⁴	<1 en 10 ¹⁴	<1 en 10 ¹⁴	<1 en 10 ¹⁴
MTBF ⁸	1 000 000	1 000 000	1 000 000	1 000 000	1 000 000
Garantía limitada (años) ⁹	3	3	3	3	3
Administración de la energía¹⁰					
Requisitos promedio de energía (W)					
Lectura/escritura	4,6	3,8	3,8	3,8	3,8
Inactivo	3,7	3,2	3,2	3,2	3,2
Espera y suspensión	0,3	0,3	0,3	0,3	0,6
Especificaciones ambientales					
Temperatura (°C, en el armazón de la base)					
En funcionamiento	0 a 65	0 a 65	0 a 65	0 a 65	0 a 65
Inactivo	-40 a 70	-40 a 70	-40 a 70	-40 a 70	-40 a 70
Choque (Gs)					
En funcionamiento (2 ms, lectura/escritura)	30	30	30	30	30
En funcionamiento (2 ms, lectura)	65	65	65	65	65
Inactivo (2 ms)	250	250	250	250	250
Acústica (dBA)					
Inactivo	23	21	21	21	21
Búsqueda (promedio)	27	26	26	26	22
Dimensiones físicas					
Altura (pulgadas/mm, máx.)	1,028/26,1	1,028/26,1	1,028/26,1	1,028/26,1	1,028/26,1
Longitud (pulgadas/mm, máx.)	5,787/147	5,787/147	5,787/147	5,787/147	5,787/147
Ancho (pulgadas/mm, ±0,01 pulgadas)	4/101,6	4/101,6	4/101,6	4/101,6	4/101,6
Peso (libras/kg, ±3 %)	1,26 / 0,57	0,99/0,45	0,99/0,45	0,99/0,45	0,99/0,45

1 1 MB = un millón de bytes, 1 GB = mil millones de bytes y 1 TB = un billón de bytes. La capacidad real del usuario puede ser menor, según el entorno de operación.

2 Este disco cumple con la Directiva de la Unión Europea 2011/65/UE y la Directiva Delegada (UE) 2015/863 en relación con restricciones a la utilización de determinadas sustancias peligrosas en aparatos eléctricos y electrónicos.

3 Secuencia única a 3.2 Mbps (1080p, H.265, 25 fps). Los resultados pueden variar según la resolución de la cámara, el formato del archivo, los cuadros por segundo, el software, la configuración del sistema, la calidad del video y otros factores.

4 Gigabit por segundo (Gbps) = un millón de bits por segundo. La máxima velocidad de transferencia efectiva de SATA a 6 Gbps se ha calculado según las especificaciones de Serial ATA publicadas por la organización SATA-IO a partir del momento de esta ficha de especificaciones. Visite www.sata-io.org para obtener más detalles.

5 1 MB/s = un millón de bytes por segundo. Según pruebas internas, el rendimiento puede variar en función del dispositivo host, las condiciones de uso, la capacidad de la unidad y otros factores.

6 Descarga controlada en condición ambiente.

7 El índice de carga de trabajo se define como la cantidad de datos del usuario que se transfieren desde o hacia el disco duro. Índice anualizado de carga de trabajo (TB transferidos x [6760/horas de encendido grabadas]). El índice de carga de trabajo variará dependiendo de las configuraciones y los componentes de hardware y software.

8 Las especificaciones de MTBF se basan en una población de muestra y se calculan a partir de medidas estadísticas y algoritmos de aceleración en las condiciones operativas normales: carga de trabajo de 90 TB por año y temperatura del disco de 40 °C. Si las condiciones superan estos parámetros, hasta 65 °C de temperatura del disco, se reducirá el MTBF. El MTBF no predice la confiabilidad de un disco individual ni tampoco constituye una garantía.

9 Visite <http://support.wdc.com/warranty> para obtener información detallada sobre la garantía según los países.

10 Mediciones de potencia a temperatura ambiente.

11 Componentes resistentes a los daños con capacidades de 3 TB en adelante.

12 1 TB = 2 TB admiten hasta 8 compartimentos; 3 TB y superiores admiten hasta 16 compartimentos.

Western Digital.

5601 Great Oaks Parkway
San Jose, CA 95119, Estados Unidos
www.westerndigital.com

Western Digital, el diseño de Western Digital el logotipo de Western Digital, AllFrame, OptiNAND, WD Purple, WDDA y Western Digital Device Analytics son marcas comerciales registradas o marcas comerciales de Western Digital Corporation o de sus empresas afiliadas en Estados Unidos y en otros países. Las demás marcas son propiedad de sus respectivos propietarios. Las especificaciones del producto están sujetas a cambio sin previo aviso. Las imágenes que se muestran pueden diferir de los productos reales.

©2023 Western Digital Corporation o sus empresas afiliadas. Todos los derechos reservados.

DSS-WD-PURPLE-0001 (Marzo de 2023)





Especificaciones de producto

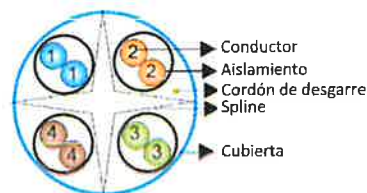
#14



24 AWG 4 pares Cat 6+

550 MHz CMP

Parte No. 1259



Características físicas

- **Conductor:** 23 AWG Cobre sólido recocido desnudo
- **Aislamiento:** Plenum Poliolefina
- **Código de color del conductor:**
 - Par 1: Azul - Blanco/Azul
 - Par 2: Naranja - Blanco/Naranja
 - Par 3: Verde - Blanco/Verde
 - Par 4: Marrón - Blanco/Marrón
- **Spline:** Plenum Poliolefina
- **Cordón de desgarre:** Aplicado longitudinalmente bajo la cubierta
- **Cubierta:** Plenum PVC (bajo humo, retardante de llama y conforme a RoHS)
- **Diámetro nominal del cable (in):** 0.244
- **Peso neto nominal del cable (libras/1000 pies):** 29.10
- **Radio mínimo de curvatura (in):** 3.5
- **Máxima fuerza de tracción (lbs):** 25
- **La clasificación de la temperatura (°F)**
- **Instalación:** +32 a + 140 **Almacenamiento y operación:** -4 a + 167

Características eléctricas

- ANSI/ TIA 568-C.2
- ANSI/TIA 862 (Automatización del edificio)
- ISO/ IEC 11801 Ed. 2.0 (Clase E)
- ICEA S-90-661(Categoría 6)
- NEC/ CEC tipo CMP (NFPA 262) para Plenum
- (UL 910) para Plenum
- UL 444
- Directiva de cumplimiento de RoHS 2011/65/EU

Certificaciones



Certificados para el Sistema de Gestión

- ISO9001: 2008, ISO14001: 2004, OHSAS 18001

Aplicaciones

- IEEE 802.3: 1000 BASE-T Gigabit Ethernet, 100 BASE-TX, 10 BASE-T, 155 Mb/s y 622 Mb/s. ATM, ANSI X3.263: 100 Mb/s, Vídeo analógico de banda ancha y banda base y transporte de alta. Definición 1920x1080p y señales de ultra alta definición 4K/2k cuando se usan en conjunto con un HDMI o HD BASE-T extensor entre una fuente y una pantalla

Características y beneficios

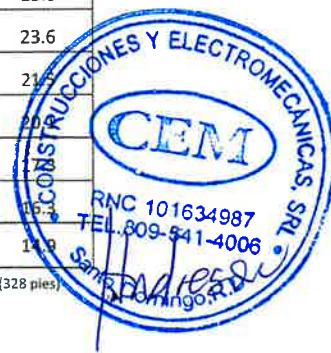
- El cable es flexible y fácil de instalar
- Para aplicaciones que requieren un óptimo rendimiento de Cat5e con flexibilidad para el futuro.
- Verificado por un tercero para garantizar el rendimiento y el cumplimiento de la directiva RoHS
- Libre de metales restringidos y compuestos peligrosos. Revise nuestra etiqueta de hoja verde para más información

Características eléctricas

Capacidad máxima (nF/100m @ 1 kHz)	Máxima resistencia DC (Ω/100m @ 68 °F)	Retraso de Máximo Desvío (ns/100m)	Velocidad de propagación nominal (%)	Impedancia característica (Ω @ 1- 100 MHz)
5.6	9.38	45	70	100±15

Freq (MHz)	Pérdida de inserción máxima (dB/100m)	Pérdida mínima siguiente (dB)	Pérdida mínima de PSNEXT (dB)	Mínimo ACR (dB/100m)	Mínimo PSACR (dB/100m)	Mínimo ACRF (dB/100m)	Mínimo PSACRF (dB/100m)	Mínimo retorno Loss (dB)
1	3.1	74.3	72.3	71.2	69.2	67.8	64.8	20.0
4	5.7	65.3	63.3	59.6	57.6	55.8	52.8	23.0
10	9.0	59.3	57.3	44.3	48.3	47.8	44.8	25.0
16	11.4	56.2	54.2	37.3	42.8	43.7	40.7	25.0
20	12.8	54.8	52.8	42.0	40.0	41.8	38.8	25.0
31.25	16.1	51.9	49.9	35.8	33.8	37.9	34.9	23.6
62.5	23.2	47.4	45.4	24.2	22.2	31.9	28.9	21.5
100	29.9	44.3	42.3	14.4	12.4	27.8	24.8	20.0
250	49.7	38.3	36.3	-	-	19.8	16.8	18.0
350	60.2	36.0	34.0	-	-	17.1	14.1	16.5
550	78.3	33.2	31.2	-	-	13.1	10.2	14.0

* La especificación cumple con el estándar ANSI/TIA 568 C.2. Las frecuencias más allá de los requisitos de la TIA son sólo para información. Todos los valores son dB/ 100 m (328 pies)



EMPAQUE DE 100 CONECTORES RJ45 CAT6

code: C6RJ45/100



Los conectores RJ45 PRO-LINK de Categoría 6 están diseñados para un rendimiento superior que cumple o supera los estándares de rendimiento de Categoría 6 TIA/EIA.

Conector RJ-45 para cable UTP Categoría 6 El conector RJ45 Cat6 A es una interfaz física comúnmente usada para conectar redes de cableado estructurado. Es utilizado normalmente con estándares como TIA/EIA-568-B que define la disposición de los pines. sirve para armar cables Ethernet y realizar instalaciones o renovaciones de redes de computadoras o conectar cables de red a rosetas, ruteadores, módems, Smart TV y aparatos de teléfono. El conector RJ45 Cat6 Alter es ideal para conectar cable UTP CAT6 ya que este cable tiene alta frecuencia les permite a las redes con cables Cat 6 operar a 1000 Mbps (megabits por segundo) o 1 gigabit de velocidad. Características: • 8 pines de contacto. • Uso interior. • Color transparente.



Pro-Link Cat6 RJ45 UTP 110 Type Punch Down Keystone - White

code: PL-KJ60-W



Los conectores Keystone PRO-LINK de Categoría 6 están diseñados para un rendimiento superior que cumple o supera los estándares de rendimiento de Categoría 6 TIA/EIA.

- Conector: RJ-45 sin blindaje (8P8C), con baño de oro de 50 μ pulgadas en los contactos.
- Velocidades de rendimiento CAT6 de hasta 600 MHz.
- Carcasa ignífuga.
- Contactos de níquel con baño de oro que proporcionan resistencia a la corrosión y conductividad de la señal.
- Etiqueta de cableado fácil de leer para facilitar la instalación.
- Diseñados meticulosamente para ofrecer un rendimiento excepcional y optimizar las instalaciones.
- Contactos IDC de bronce fosforado que garantizan una excelente conductividad, durabilidad y una excepcional resistencia al desgaste y la corrosión.
- Conexión de cable de 90 grados.
- Cumple y supera los estándares EIA/TIA.
- Cumple con UL.
- Verificado por ETL.

Garantía limitada de 25 años.



EMPAQUE DE 100 BOTAS PARA RJ45

code: RJ45BOOTS



- Material: plástico suave de PVC de alta calidad, suave y duro moderado y resiliencia
- Tamaño: 0.98 x 0.6 x 0.6 pulgadas (0.984 x 0.591 x 0.591 in), diámetro de perforación: 0.236 in
- Fácil de instalar: la cubierta protectora RJ-45 es fácil de instalar y proporciona a su conector de red una buena protección contra el caucho del cable expuesto y contra la humedad y el polvo
- Compatible con cables Cat5 Cat5E Cat6 Cat6a y conectores de enchufe modular RJ45, 8P8C
- El paquete incluye: 100 fundas para conector de cable

