

“SMART”
EVOLUTION in
IP SURVEILLANCE

**4-LINE IP
cameras**



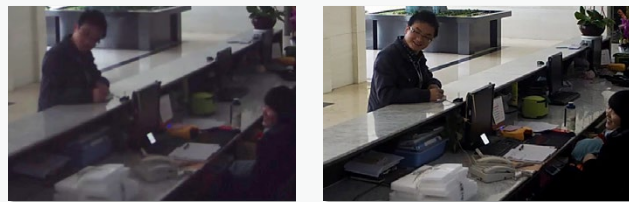
smart IPC

Smart Codec • Smart Detection • Smart Control

Smart is the latest concept which aims to bring video surveillance into every aspects of professional, intelligent, efficient, and convenient surveillance. Enriched with Smart technologies - such as Smart Codec, Smart Detection and Smart Control - Hikvision Smart IP cameras are specifically designed to deliver this concept to the market and convey the idea of smart security. Hikvision Smart IP cameras can fully meet all professional market requirements for efficient bandwidth and storage utilization, as well as unparalleled image quality and customer convenience

Low Bit Rate

By applying advanced codec algorithm, Hikvision 4-line Smart IP camera can realize efficient encoding, and further minimize the system's load and storage requirement. E.g.: At a very low bit rate streaming condition, 2Mbps at 720p resolution, 4-line camera could increase the image quality up to 30%.



Conventional IP Camera (720P, 2Mbps)

Hikvision 4-line Smart IPC (720P, 2Mbps)

ROI Codec

Based on user-defined ROI (Region of Interest), camera can decrease a non-ROI's image quality to save maximum bandwidth and storage, and those regions of interest will be smartly transmitted with great details and better image quality under the same bit rate streaming conditions.



(1080P, 2Mbps), ROI off

(1080P, 2Mbps), ROI on

Low Stream Latency

Hikvision 4-Line Smart IP cameras decrease greatly the network stream latency for a better real-time viewing.

E.g: 140ms at 720p/2M; 160ms at 1080p/4M.



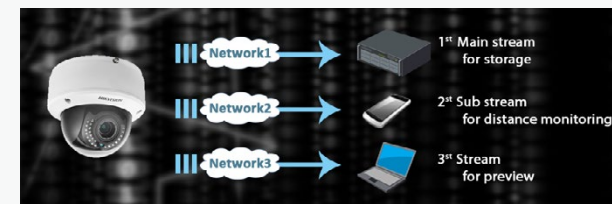
Hikvision 4-Line Smart IP Camera

Conventional IP Camera

Triple Streams

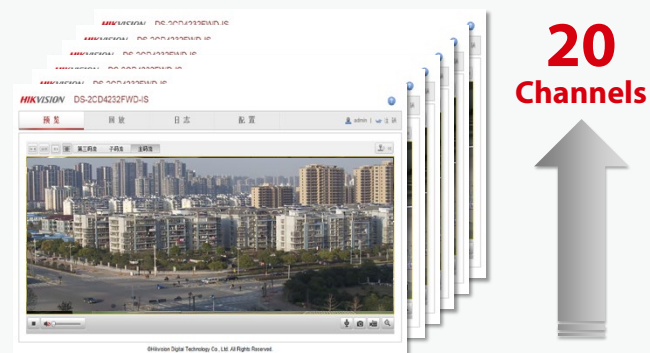
Triple streams give much more flexibility to users by allowing different data stream to be send simultaneously, and each for independent purposes:

- Main stream: full resolution
- Sub stream: low resolution
- 3rd stream: flexible choice (full, low or dynamic resolution)



Network Access

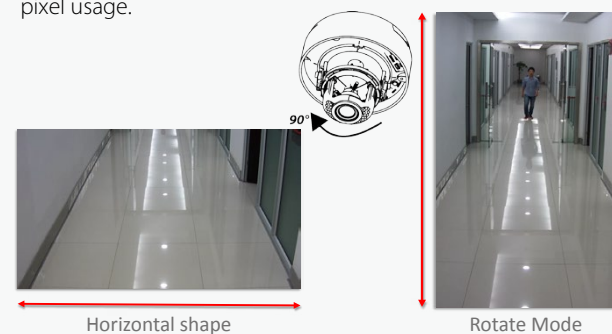
The 4-line Smart IP camera has much bigger throughput capability and can support up to 20 channels live view simultaneously.



20 Channels

Rotate Mode

In a vertical-shaped scene such as hallway or corridor, a horizontal shaped image could result in pixel wastage but with rotate mode, 4-line smart IP camera can maximize the whole pixel usage.

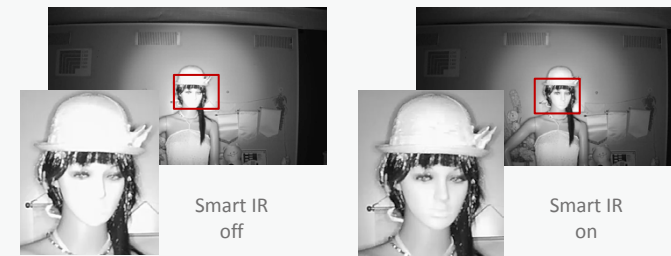


Horizontal shape

Rotate Mode

Smart IR

The improved Smart IR function allows adjusting the IR strength to have a better visibility depending on the specific requirement.

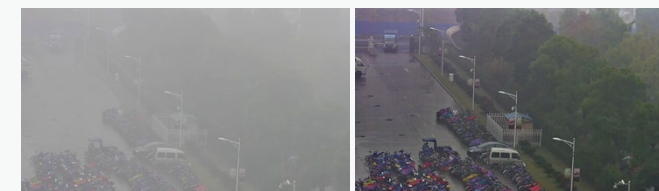


Smart IR off

Smart IR on

Defog

Through the image correction algorithm, Defog function can improve the whole image's visibility and clarity even in very foggy weather.



Defog off

Defog on

EIS (Electronic Image Stabilization)

EIS technology allows 4-line camera to negate the blurry effects caused by camera shake and get stable images.

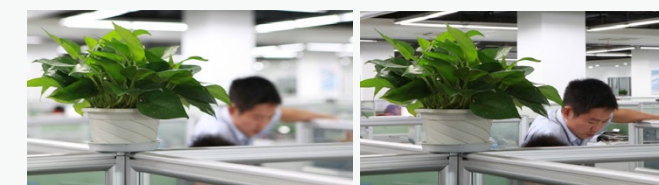


EIS off

EIS on

P-Iris

The 4-line Smart IP camera adopts the most advanced iris control technology - P Iris, which allows keeping an accurate and consistent sharpness and depth of view.



Conventional DC Iris Lens

P-Iris Lens

120dB WDR

With super high dynamic range (120dB), Hikvision's unique WDR technology brings out the cameras the powerful light handling ability in producing crystal-clear images even under extreme strong backlight conditions.



WDR off

WDR on

Low-light

The newest generation of Hikvision low-light technology allows star-light level supreme visibility even in extremely dim lighting conditions.



Conventional Full HD1080p Camera

Hikvision Full HD1080p Low-light Camera

3D DNR

By taking advantage of Hikvision advanced ISP (Imaging Signal Processing) technology, Hikvision 4-line camera is able to deliver crystal-clear image quality in low light conditions without any "Noising" interference.

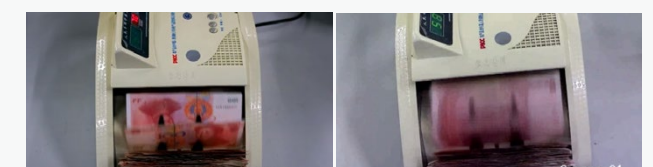


3D DNR off

3D DNR on

Up to 60fps

Certain applications require detailed surveillance, such as cash-handling areas; Hikvision 4-Line Smart IP camera with its high frame rate in HD / Full HD resolution, can capture detailed images with supreme image quality.



Full HD1080p 60fps

Full HD1080p 30fps

* The features and benefits vary depending on specific product models or R&D process.

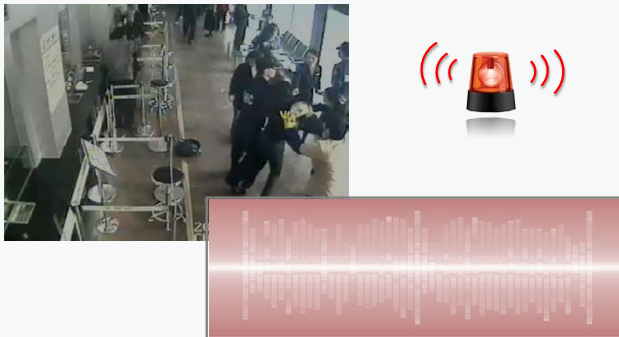
Face Detection

Applying Hikvision face detection technology, 4-line network camera can accurately detect human faces, capture their facial images, or trigger an alarm.



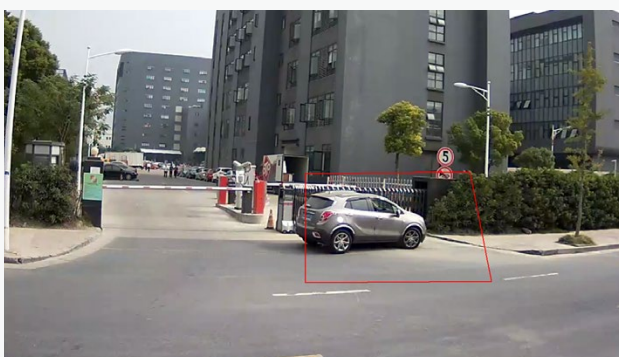
Audio Detection

4-Line Smart IP cameras can detect and analyze the surround sound or any sound surge for an alarm triggering when an exceptional voice occurs. Furthermore, it can also filter the background noise interference or detect any audio stream exceptions.



Intrusion Detection

Extremely beneficial for defined area protection, in the case of intrusion detection, 4-line camera auto triggers the alarm and event-recording simultaneously. Applying latest algorithm, it automatically analyzes the intruders dimension ratio, to reduce false alarms.



VQD (Video Quality Detection)

The 4-line camera automatically self-diagnose to detect any issues relating to storage, network connection, lens direction, defocus, or tampering.



ABF (Auto Back Focus)

The Auto Back Focus technology allows the 4-line camera to adjust positioning of the image sensor to obtain an optimal focus; this feature can also be accessed via web Client.



Smart Auto Focus

By applying Hikvision's unique focusing technology, the 4-Line Smart IP cameras boast easier focusing without any need for adjustment in the initial camera set-up and allows users to make further changes to the view by onsite refocusing. Also with its self-lock function, it offers better tamper-resistant capability.



smart IPC

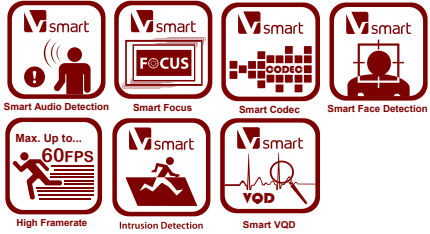


4-Line Professional IP Cameras

DS-2CD4012F-(A)

1.4MP Low-light Box Camera

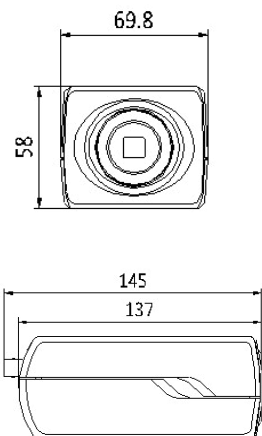
* Product picture and technical specs subject to change without previous notice.
For further information, please contact our local sales representatives.



Key features

- Up to 1280 x 1024 high resolution
- HD720p video (up to 60fps)
- Smart Codec
- DWDR, 3D DNR
- Triple streams
- Micro SD/SDXC card slot, up to 64GB
- Smart Focus: ABF (-A)
- Smart VQD
- Smart Facial Detection
- Smart Audio Detection
- Intrusion Detection
- Two way audio, built-in Mic
- Defog
- EIS (Electronic Image Stabilization)

Dimension (unit: mm)



Available Models

DS-2CD4012F, DS-2CD4012F-A

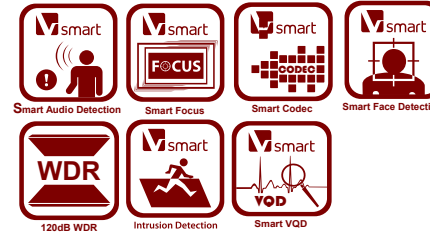
* -A: Auto Back Focus

Camera	
Image sensor	1/3" progressive scan CMOS
Min. illumination	Color: 0.01 lux@F1.2, AGC on B/W: 0.001 lux@F1.2, AGC on
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens mount	C/CS mount
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	DWDR
Smart Focus	Auto Back Focus *only for -A model
Compression standard	
Video compression	H.264 / MPEG4 / MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726)
Image	
Max. resolution	1280 x 1024
Frame rate	50 Hz: 25fps (1280 x 1024), 25fps (1280 x 960), 50fps (1280 x 720) 60 Hz: 30fps (1280 x 1024), 30fps (1280 x 960), 60fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 25fps (1280 x 1024), 60Hz: 30fps (1280 x 1024)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
Backlight compensation	Yes, zone configurable
Picture overlay	128 x 128, BMP 24bit, zone configurable
HLC	Yes
Defog	Yes
EIS	Yes
ROI	Yes, up to 4 configurable areas.
Network	
Network storage	NAS
Alarm trigger	Motion detection, face detection, tampering alarm, defocus, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP, SRTP optional)
Security	User authentication, watermark, IP address filtering, anonymous access
System compatibility	ONVIF, PSIA, CGI
Interface	
Audio input	1-ch 3.5mm audio interface, Mic in/Line in
Audio output	1-ch 3.5mm audio interface
Communication interface	1 RJ45 10M / 100M ethernet port, 1 RS-485 interface, 1 RS-232 interface
Alarm I/O	1/1
Video output	1 Vp-p composite output (75 Ω / BNC)
On-board storage	Micro SD/SDXC card slot, max. 64GB
Reset	Yes
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing)
Power supply	24VAC± 10%, 12 VDC ± 10%, PoE (802.3af)
Power consumption	Max. 6W (max. 9W with ICR on)
Dimensions	69.8 x 58 x 145 mm (2.68" x 2.56" x 5.70")
Weight	830g (1.83 lbs)

DS-2CD4012FWD-(A)

1.3MP WDR Box Camera

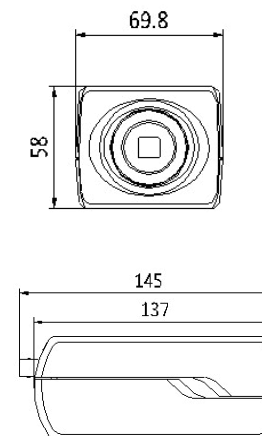
* Product picture and technical specs subject to change without previous notice.
For further information, please contact our local sales representatives.



Key features

- Up to 1280 x 960 high resolution
- HD720p video
- Smart Codec
- 120dB WDR, 3D DNR
- Triple streams
- Micro SD/SDXC card slot, up to 64GB
- Smart Focus: ABF (-A)
- Smart VQD
- Smart Facial Detection
- Smart Audio Detection
- Intrusion Detection
- Two way audio, built-in Mic
- Defog
- EIS (Electronic Image Stabilization)

Dimension (unit: mm)



Available Models

DS-2CD4012FWD, DS-2CD4012FWD-A

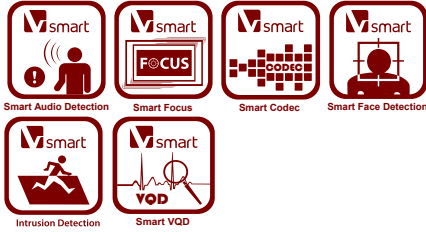
* -A: Auto Back Focus

Camera	
Image sensor	1/3" progressive scan CMOS
Min. illumination	Color: 0.01 lux@F1.2, AGC on B/W: 0.001 lux@F1.2, AGC on
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens mount	C/CS mount
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	120dB
Smart Focus	Auto Back Focus *only for -A model
Compression standard	
Video compression	H.264 / MPEG4 / MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726)
Image	
Max. resolution	1280 x 960
Frame rate	50 Hz: 25fps (1280 x 1024), 25fps (1280 x 960), 60 Hz: 30fps (1280 x 1024), 30fps (1280 x 960)
3rd stream	Independent setting, up to: 50Hz: 25fps (1280 x 960), 60Hz: 30fps (1280 x 960)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
BLC	Yes, zone configurable
Picture overlay	128 x 128, BMP 24bit, zone configurable
Defog	Yes
EIS	Yes
ROI	Yes, up to 4 configurable areas.
Network	
Network storage	NAS
Alarm trigger	Motion detection, face detection, tampering alarm, defocus, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP, SRTP optional)
Security	User authentication, watermark, IP address filtering, anonymous access
System compatibility	ONVIF, PSIA, CGI
Interface	
Audio input	1-ch 3.5mm audio interface, Mic in/Line in
Audio output	1-ch 3.5mm audio interface
Communication interface	1 RJ45 10M / 100M ethernet port, 1 RS-485 interface, 1 RS-232 interface
Alarm I/O	1/1
Video output	1 Vp-p composite output (75 Ω / BNC)
On-board storage	Micro SD/SDXC card slot, max. 64GB
Reset	Yes
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing)
Power supply	24VAC± 10%, 12 VDC ± 10%, PoE (802.3af)
Power consumption	Max. 6W (max. 9W with ICR on)
Dimensions	69.8 x 58 x 145 mm (2.68" x 2.56" x 5.70")
Weight	830g (1.83 lbs)

DS-2CD4024F-(A)

2MP Full HD Box Camera

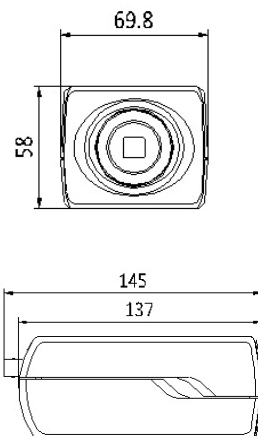
* Product picture and technical specs subject to change without previous notice. For further information, please contact our local sales representatives.



Key features

- Up to 1920 x 1080 high resolution
- Full HD1080p video
- Smart Codec
- DWDR, 3D DNR
- Triple streams
- Micro SD/SDXC card slot, up to 64GB
- Smart Focus: ABF (-A)
- Smart VQD
- Smart Facial Detection
- Smart Audio Detection
- Intrusion Detection
- Two way audio, built-in Mic
- Defog
- EIS (Electronic Image Stabilization)

Dimension (unit: mm)



Available Models

DS-2CD4024F, DS-2CD4024F-A

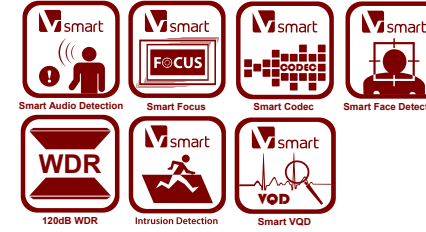
* -A: Auto Back Focus

Camera	
Image sensor	1/2.8" progressive scan CMOS
Min. illumination	Color: 0.02 lux@F1.2, AGC on B/W: 0.005 lux@F1.2, AGC on
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens mount	C/CS mount
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	DWDR
Smart Focus	Auto Back Focus *only for -A model
Compression standard	
Video compression	H.264 / MPEG4 / MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726)
Image	
Max. resolution	1920 x 1080
Frame rate	50 Hz: 25fps (1920 x 1080), 25fps (1280 x 960), 25fps (1280 x 720) 60 Hz: 30fps (1920 x 1080), 30fps (1280 x 960), 30fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 25fps (1920 x 1080), 60Hz: 30fps (1920 x 1080)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
BLC	Yes, zone configurable
Picture overlay	128 x 128, BMP 24bit, zone configurable
HLC	Yes
Defog	Yes
EIS	Yes
ROI	Yes, up to 4 configurable areas.
Network	
Network storage	NAS
Alarm trigger	Motion detection, face detection, tampering alarm, defocus, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP, SRTP optional)
Security	User authentication, watermark, IP address filtering, anonymous access
System compatibility	ONVIF, PSIA, CGI
Interface	
Audio input	1-ch 3.5mm audio interface, Mic in/Line in
Audio output	1-ch 3.5mm audio interface
Communication interface	1 RJ45 10M / 100M ethernet port, 1 RS-485 interface, 1 RS-232 interface
Alarm I/O	1/1
Video output	1 Vp-p composite output (75 Ω / BNC)
On-board storage	Micro SD/SDXC card slot, max. 64GB
Reset	Yes
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing)
Power supply	24VAC±10%, 12VDC±10%, PoE (802.3af)
Power consumption	Max. 6W (max. 9W with ICR on)
Dimensions	69.8 x 58 x 145 mm (2.68" x 2.56" x 5.70")
Weight	830g (1.83 lbs)

DS-2CD4032FWD-(A)

3MP WDR Box Camera

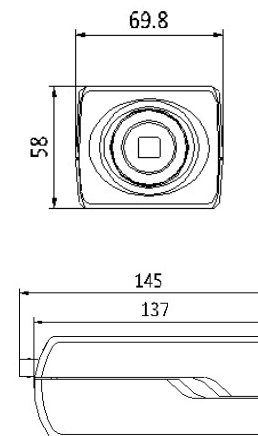
* Product picture and technical specs subject to change without previous notice. For further information, please contact our local sales representatives.



Key features

- Up to 2048 x 1536 high resolution
- Full HD1080p video
- Smart Codec
- 120dB WDR, 3D DNR
- Triple streams
- Micro SD/SDXC card slot, up to 64GB
- Smart Focus: ABF (-A)
- Smart VQD
- Smart Facial Detection
- Smart Audio Detection
- Intrusion Detection
- Two way audio, built-in Mic
- Defog
- EIS (Electronic Image Stabilization)

Dimension (unit: mm)



Available Models

DS-2CD4032FWD, DS-2CD4032FWD-A

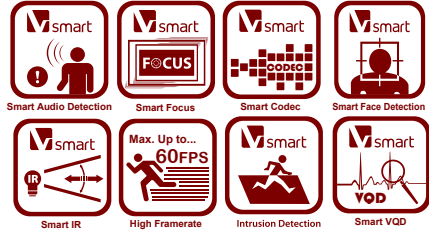
* -A: Auto Back Focus

Camera	
Image sensor	1/3" progressive scan CMOS
Min. illumination	Color: 0.1 lux@F1.2, AGC on B/W: 0.01 lux@F1.2, AGC on
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens mount	C/CS mount
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	120dB WDR
Smart Focus	Auto Back Focus *only for -A model
Compression standard	
Video compression	H.264 / MPEG4 / MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726)
Image	
Max. resolution	2048 x 1536
Frame rate	50 Hz: 20fps (2048 x 1536), 25fps (1920 x 1080), 25fps (1280 x 720) 60 Hz: 20fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 20fps (2048 x 1536), 60Hz: 20fps (2048 x 1536)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
BLC	Yes, zone configurable
Picture overlay	128 x 128, BMP 24bit, zone configurable
Defog	Yes
EIS	Yes
ROI	Yes, up to 4 configurable areas.
Network	
Audio input	1-ch 3.5mm audio interface, Mic in/Line in
Audio output	1-ch 3.5mm audio interface
Communication interface	1 RJ45 10M / 100M ethernet port, 1 RS-485 interface, 1 RS-232 interface
Alarm I/O	1/1
Video output	1 Vp-p composite output (75 Ω / BNC)
On-board storage	Micro SD/SDXC card slot, max. 64GB
Reset	Yes
Interface	
Audio input	1-ch 3.5mm audio interface, Mic in/Line in
Audio output	1-ch 3.5mm audio interface
Communication interface	1 RJ45 10M / 100M ethernet port, 1 RS-485 interface, 1 RS-232 interface
Alarm I/O	1/1
Video output	1 Vp-p composite output (75 Ω / BNC)
On-board storage	Micro SD/SDXC card slot, max. 64GB
Reset	Yes
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)
Power supply	24VAC±10%, 12VDC±10%, PoE (802.3af)
Power consumption	Max. 6W (max. 9W with ICR on)
Dimensions	69.8 x 58 x 145 mm (2.68" x 2.56" x 5.70")
Weight	830g (1.83 lbs)

DS-2CD4112F-I(Z)

1.4MP Low-light Indoor Dome Network Camera

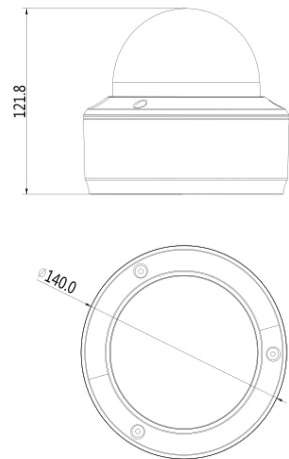
* Product picture and technical specs subject to change without previous notice.
For further information, please contact our local sales representatives.



Key features

- Up to 1280 x 1024 high resolution
- HD720p video (up to 60fps)
- Smart Codec
- DWDR, 3D DNR
- Triple streams
- Micro SD/SDXC card slot, up to 64GB
- Smart Focus: Motorized VF lens (-Z)
- Smart VQD
- Smart Facial Detection
- Smart Audio Detection
- Intrusion Detection
- Smart IR (-I)
- Defog
- EIS (Electronic Image Stabilization)

Dimension (unit: mm)



Available Models

DS-2CD4112F-I, DS-2CD4112F-I(Z)

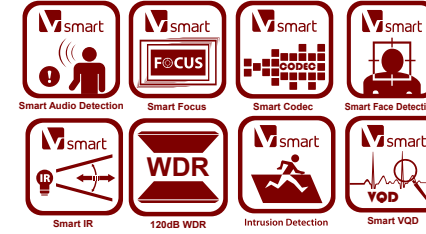
- * -Z: Motorized VF lens
- * -I: Up to 30m IR LEDs

Camera	
Image sensor	1/3" progressive scan CMOS
Min. illumination	0.01 lux@F1.2, AGC on, 0.014 lux@F1.4, AGC on, 0 lux with IR
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens	2.8 ~ 12mm @F1.4, angle of view: 98.4° ~ 30.2° (-Z: motorized VF lens)
Lens mount	Φ14
Angle Adjustment	Pan: 0° ~ 360°, tilt: 0° ~ 75°, rotation: 0° ~ 360°
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	DWDR
Compression standard	
Video compression	H.264 / MPEG4 / MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726)
Image	
Max. resolution	1280 x 1024
Frame rate	50 Hz: 25fps (1280 x 1024), 25fps (1280 x 960), 50fps (1280 x 720) 60 Hz: 30fps (1280 x 1024), 30fps (1280 x 960), 60fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 25fps (1280 x 1024), 60Hz: 30fps (1280 x 1024)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
BLC	Yes, zone configurable
HLC	Yes
Defog	Yes
EIS	Yes
Picture overlay	128 x 128, BMP 24bit, zone configurable
ROI	Yes, up to 4 configurable areas.
Network	
Network storage	NAS
Alarm trigger	Motion detection, face detection, tampering alarm, defocus, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP, SRTP optional)
Security	User authentication, watermark, IP address filtering, anonymous access, reset
System compatibility	ONVIF, PSIA, CGI
Interface	
Audio input	1-ch 3.5mm audio interface, Mic in/Line in
Audio output	1-ch 3.5mm audio interface
Communication interface	1 RJ45 10M / 100M ethernet port, 1 RS-485 interface, 1 RS-232 interface
Alarm I/O	1/1
Video output	1 Vp-p composite output (75 Ω / BNC)
On-board storage	Micro SD/SDXC card slot, up to 64GB
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing)
Power supply	12 VDC ± 10%, PoE (802.3af)
Power consumption	Max. 6W Max. 9W (IR on: 2W, Motorized VF lens: 1W)
IR range	Up to 30m
Impact protection	IEC60068-275Eh, 50J; EN50102, up to IK10
Dimensions	Φ 140 x 121.8 mm (Φ 5.51" x 4.80")
Weight	1400 g (3.09 lbs)

DS-2CD4112FWD-I(Z)

1.3MP WDR Indoor Dome Network Camera

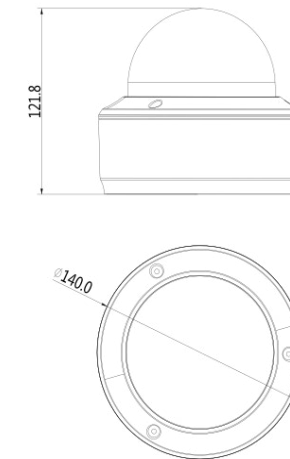
* Product picture and technical specs subject to change without previous notice.
For further information, please contact our local sales representatives.



Key features

- Up to 1280 x 960 high resolution
- HD720p video
- Smart Codec
- 120dB WDR, 3D DNR
- Triple streams
- Micro SD/SDXC card slot, up to 64GB
- Smart Focus: Motorized VF lens (-Z)
- Smart VQD
- Smart Facial Detection
- Smart Audio Detection
- Intrusion Detection
- Smart IR (-I)
- Defog
- EIS (Electronic Image Stabilization)

Dimension (unit: mm)



Available Models

DS-2CD4112FWD-I, DS-2CD4112FWD-I(Z)

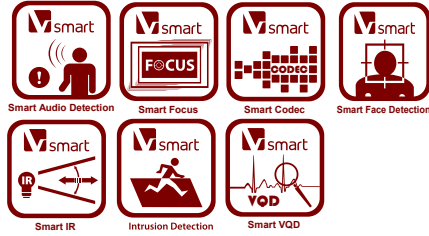
- * -Z: Motorized VF lens
- * -I: Up to 30m IR LEDs

Camera	
Image sensor	1/3" progressive scan CMOS
Min. illumination	0.01 lux@F1.2, AGC on, 0.014 lux@F1.4, AGC on, 0 lux with IR
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens	2.8 ~ 12mm @F1.4, angle of view: 98.4° ~ 30.2° (-Z: motorized VF lens)
Lens mount	Φ14
Angle Adjustment	Pan: 0° ~ 360°, tilt: 0° ~ 75°, rotation: 0° ~ 360°
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	120dB WDR
Compression standard	
Video compression	H.264 / MPEG4 / MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726)
Image	
Max. resolution	1280 x 960
Frame rate	50 Hz: 25fps (1280 x 960), 25fps (1280 x 720) 60 Hz: 30fps (1280 x 960), 30fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 25fps (1280 x 960), 60Hz: 30fps (1280 x 960)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
BLC	Yes, zone configurable
Defog	Yes
EIS	Yes
Picture overlay	128 x 128, BMP 24bit, zone configurable
ROI	Yes, up to 4 configurable areas.
Network	
Network storage	NAS
Alarm trigger	Motion detection, face detection, tampering alarm, defocus, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP, SRTP optional)
Security	User authentication, watermark, IP address filtering, anonymous access, reset
System compatibility	ONVIF, PSIA, CGI
On-board storage	Micro SD/SDXC card slot, max. 64GB
Interface	
Audio input	1-ch 3.5mm audio interface, Mic in/Line in
Audio output	1-ch 3.5mm audio interface
Communication interface	1 RJ45 10M / 100M ethernet port, 1 RS-485 interface, 1 RS-232 interface
Alarm I/O	1/1
Video output	1 Vp-p composite output (75 Ω / BNC)
On-board storage	Micro SD/SDXC card slot, up to 64GB
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing)
Power supply	12 VDC ± 10%, PoE (802.3af)
Power consumption	Max. 6W Max. 9W (IR on: 2W, Motorized VF lens: 1W)
IR range	Up to 30m
Impact protection	IEC60068-275Eh, 50J; EN50102, up to IK10
Dimensions	Φ 140 x 121.8 mm (Φ 5.51" x 4.80")
Weight	1400 g (3.09 lbs)

DS-2CD4124F-I(Z)

2MP Full HD Indoor Dome Network Camera

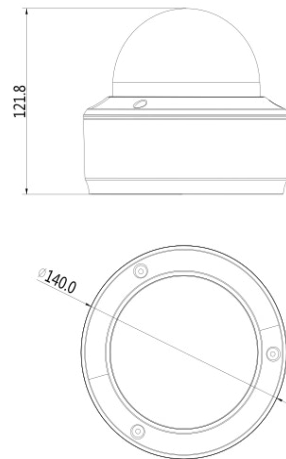
* Product picture and technical specs subject to change without previous notice. For further information, please contact our local sales representatives.



Key features

- Up to 1920 x 1080 high resolution
- Full HD1080p video
- Smart Codec
- DWDR, 3D DNR
- Triple streams
- Micro SD/SDXC card slot, up to 64GB
- Smart Focus: Motorized VF lens (-Z)
- Smart VQD
- Smart Facial Detection
- Smart Audio Detection
- Intrusion Detection
- Smart IR (-I)
- Defog
- EIS (Electronic Image Stabilization)

Dimension (unit: mm)



Available Models

DS-2CD4124F-I, DS-2CD4124F-I(Z)

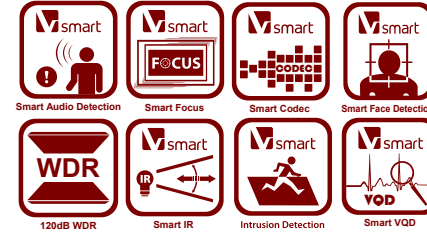
- * -Z: Motorized VF lens
- * -I: Up to 30m IR LEDs

Camera	
Image sensor	1/2.8" progressive scan CMOS
Min. illumination	0.01 lux@F1.2, AGC on, 0.014 lux@F1.4, AGC on, 0 lux with IR
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens	2.8 ~ 12mm @F1.4, angle of view: 113° ~ 33.8° (-Z: motorized VF lens)
Lens mount	Φ14
Angle Adjustment	Pan: 0° ~ 360°, tilt: 0° ~ 75°, rotation: 0° ~ 360°
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	DWDR
Compression standard	
Video compression	H.264 / MPEG4 / MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726)
Image	
Max. resolution	1920 x 1080
Frame rate	50 Hz: 25fps (1920 x 1080), 25fps (1280 x 960), 25fps (1280 x 720) 60 Hz: 30fps (1920 x 1080), 30fps (1280 x 960), 30fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 25fps (1920 x 1080), 60Hz: 30fps (1920 x 1080)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
BLC	Yes, zone configurable
HLC	Yes
Defog	Yes
EIS	Yes
Picture overlay	128 x 128, BMP 24bit, zone configurable
ROI	Yes, up to 4 configurable areas.
Network	
Network storage	NAS
Alarm trigger	Motion detection, face detection, tampering alarm, defocus, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP, SRTP optional)
Security	User authentication, watermark, IP address filtering, anonymous access, reset
System compatibility	ONVIF, PSIA, CGI
Interface	
Audio input	1-ch 3.5mm audio interface, Mic in/Line in
Audio output	1-ch 3.5mm audio interface
Communication interface	1 RJ45 10M / 100M ethernet port, 1 RS-485 interface, 1 RS-232 interface
Alarm I/O	1/1
Video output	1 Vp-p composite output (75 Ω / BNC)
On-board storage	Micro SD/SDXC card slot, up to 64GB
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing)
Power supply	12 VDC ± 10%, PoE (802.3af)
Power consumption	Max. 6W Max. 9W (IR on: 2W, Motorized VF lens: 1W)
IR range	Up to 30m
Impact protection	IEC60068-275Eh, 50J; EN50102, up to IK10
Dimensions	Φ 140 x 121.8 mm (Φ 5.51" x 4.80")
Weight	1400 g (3.09 lbs)

DS-2CD4132FWD-I(Z)

3MP WDR Indoor Dome Network Camera

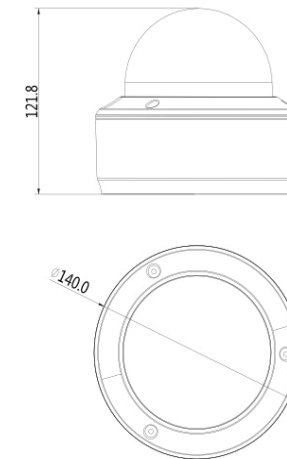
* Product picture and technical specs subject to change without previous notice. For further information, please contact our local sales representatives.



Key features

- Up to 2048 x 1536 high resolution
- Full HD1080p video
- Smart Codec
- 120dB WDR, 3D DNR
- Triple streams
- Micro SD/SDXC card slot, up to 64GB
- Smart Focus: Motorized VF lens (-Z)
- Smart VQD
- Smart Facial Detection
- Smart Audio Detection
- Intrusion Detection
- Smart IR (-I)
- Defog
- EIS (Electronic Image Stabilization)

Dimension (unit: mm)



Available Models

DS-2CD4132FWD-I, DS-2CD4132FWD-I(Z)

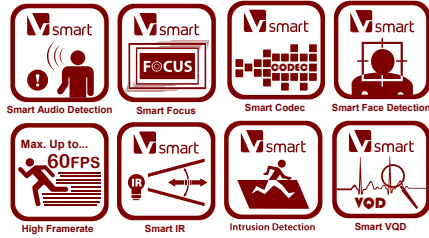
- * -Z: Motorized VF lens
- * -I: Up to 30m IR LEDs

Camera	
Image sensor	1/3" progressive scan CMOS
Min. illumination	0.1 lux@F1.2, AGC on, 0.14 lux@F1.4, AGC on, 0 lux with IR
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens	2.8 ~ 12mm @F1.4, angle of view: 91.2° ~ 28.3° (-Z: motorized VF lens)
Lens mount	Φ14
Angle Adjustment	Pan: 0° ~ 360°, tilt: 0° ~ 75°, rotation: 0° ~ 360°
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	120dB WDR
Compression standard	
Video compression	H.264 / MPEG4 / MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726)
Image	
Max. resolution	2048 x 1536
Frame rate	50 Hz: 20fps (2048 x 1536), 25fps (1920 x 1080), 25fps (1280 x 720) 60 Hz: 20fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 20fps (2048 x 1536), 60Hz: 20fps (2048 x 1536)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
BLC	Yes, zone configurable
Defog	Yes
EIS	Yes
Picture overlay	128 x 128, BMP 24bit, zone configurable
ROI	Yes, up to 4 configurable areas.
Network	
Network storage	NAS
Alarm trigger	Motion detection, face detection, tampering alarm, defocus, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP, SRTP optional)
Security	User authentication, watermark, IP address filtering, anonymous access, reset
System compatibility	ONVIF, PSIA, CGI
On-board storage	Micro SD/SDXC card slot, max. 64GB
Interface	
Audio input	1-ch 3.5mm audio interface, Mic in/Line in
Audio output	1-ch 3.5mm audio interface
Communication interface	1 RJ45 10M / 100M ethernet port, 1 RS-485 interface, 1 RS-232 interface
Alarm I/O	1/1
Video output	1 Vp-p composite output (75 Ω / BNC)
On-board storage	Micro SD/SDXC card slot, up to 64GB
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing)
Power supply	12 VDC ± 10%, PoE (802.3af)
Power consumption	Max. 6W Max. 9W (IR on: 2W, Motorized VF lens: 1W)
IR range	Up to 30m
Impact protection	IEC60068-275Eh, 50J; EN50102, up to IK10
Dimensions	Φ 140 x 121.8 mm (Φ 5.51" x 4.80")
Weight	1400 g (3.09 lbs)

DS-2CD4212F-I(Z/S/H)

1.4MP Low-light IR Bullet Network Camera

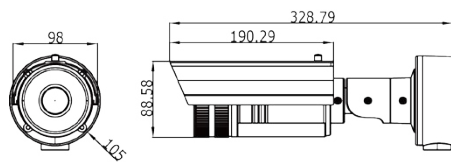
* Product picture and technical specs subject to change without previous notice.
For further information, please contact our local sales representatives.



Key features

- Up to 1280 x 1024 high resolution
- HD720p video (up to 60fps)
- Smart Codec
- DWDR, 3D DNR
- Triple streams
- Micro SD/SDXC card slot, up to 64GB
- Smart Focus: Motorized VF lens (-Z)
- Smart VQD
- Smart Facial Detection
- Smart Audio Detection
- Intrusion Detection
- Built-in heater & fan
- Defog
- EIS (Electronic Image Stabilization)

Dimension (unit: mm)



Available Models

- DS-2CD4212F-I
- DS-2CD4212F-IS
- DS-2CD4212F-IZ
- DS-2CD4212F-IZS
- DS-2CD4212F-IZH
- DS-2CD4212F-IZHS

* -Z: Motorized VF lens

* -S: 1-ch audio I/O, 1-ch alarm I/O and

1-ch RS-485 interface

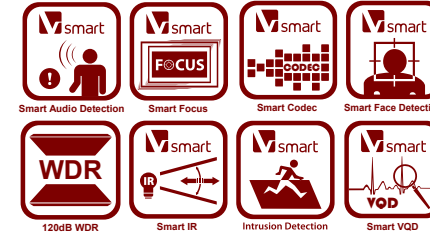
* -H: Smart Heater

Camera	
Image sensor	1/3" progressive scan CMOS
Min. illumination	0.01 lux@F1.2, AGC on, 0.014 lux@F1.4, AGC on, 0 lux with IR
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens	2.8 ~ 12mm @F1.4, angle of view: 98.4° ~ 30.2° (-Z: motorized VF lens) * 8~20mm @F1.6 lens (optional), angle of view: 35.5° ~14.7°
Lens mount	Φ14
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	DWDR
Compression standard	
Video compression	H.264 / MPEG4 / MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726 *only for -S model
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726) *only for -S model
Image	
Max. resolution	1280 x 1024
Frame rate	50 Hz: 25fps (1280 x 1024), 25fps (1280 x 960), 50fps (1280 x 720) 60 Hz: 30fps (1280 x 1024), 30fps (1280 x 960), 60fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 25fps (1280 x 1024), 60Hz: 30fps (1280 x 1024)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
BLC	Yes, zone configurable
HLC	Yes
Defog	Yes
EIS	Yes
Picture overlay	128 x 128, BMP 24bit, zone configurable
ROI	Yes, up to 4 configurable areas.
Network	
Network storage	NAS
Alarm trigger	Motion detection, face detection, tampering alarm, defocus, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP, SRTP optional)
Security	User authentication, watermark, IP address filtering, anonymous access, reset
System compatibility	ONVIF, PSIA, CGI
Interface	
Communication interface	1 RJ45 10M / 100M ethernet port
On-board storage	Micro SD/SDXC card slot, up to 64GB
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing) -H: -40°C ~ 60°C (-40°F ~140°F) , with smart heater on
Power supply	12 VDC ± 10%, PoE (802.3af)
Power consumption	Max. 11W -Z/-H: Max. 12W
IR range	Up to 30m Up to 80m with 8~20m VF lens
Ingress protection	IP66
Dimensions	98 x 105 x 328.8 mm
Weight	1700 g (3.75 lbs)

DS-2CD4212FWD-I(Z/S/H)

1.3MP WDR IR Bullet Network Camera

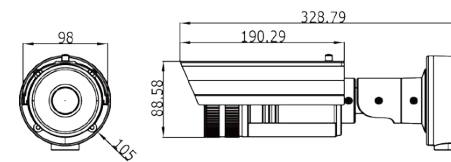
* Product picture and technical specs subject to change without previous notice.
For further information, please contact our local sales representatives.



Key features

- Up to 1280 x 960 high resolution
- HD720p video
- Smart Codec
- 120dB WDR, 3D DNR
- Triple streams
- Micro SD/SDXC card slot, up to 64GB
- Smart Focus: Motorized VF lens (-Z)
- Smart VQD
- Smart Facial Detection
- Intrusion Detection
- Built-in heater & fan
- Defog
- EIS (Electronic Image Stabilization)

Dimension (unit: mm)



Available Models

- DS-2CD4212FWD-I
- DS-2CD4212FWD-IS
- DS-2CD4212FWD-IZ
- DS-2CD4212FWD-IZS
- DS-2CD4212FWD-IZH
- DS-2CD4212FWD-IZHS

* -Z: Motorized VF lens

* -S: 1-ch audio I/O, 1-ch alarm I/O and

1-ch RS-485 interface

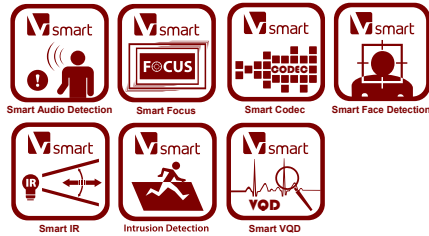
* -H: Smart Heater

Camera	
Image sensor	1/3" progressive scan CMOS
Min. illumination	0.01 lux@F1.2, AGC on, 0.014 lux@F1.4, AGC on, 0 lux with IR
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens	2.8 ~ 12mm @F1.4, angle of view: 98.4° ~ 30.2° (-Z: motorized VF lens) * 8~20mm @F1.6 lens (optional), angle of view: 35.5° ~14.7°
Lens mount	Φ14
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	120dB WDR
Compression standard	
Video compression	H.264 / MPEG4 / MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726 *only for -S model
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726) *only for -S model
Image	
Max. resolution	1280 x 960
Frame rate	50 Hz: 25fps (1280 x 960), 25fps (1280 x 720) 60 Hz: 30fps (1280 x 960), 30fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 25fps (1280 x 960), 60Hz: 30fps (1280 x 960)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
BLC	Yes, zone configurable
Defog	Yes
EIS	Yes
Picture overlay	128 x 128, BMP 24bit, zone configurable
ROI	Yes, up to 4 configurable areas.
Network	
Network storage	NAS
Alarm trigger	Motion detection, face detection, tampering alarm, defocus, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP, SRTP optional)
Security	User authentication, watermark, IP address filtering, anonymous access, reset
System compatibility	ONVIF, PSIA, CGI
On-board storage	Micro SD/SDXC card slot, max. 64GB
Interface	
Communication interface	1 RJ45 10M / 100M ethernet port
On-board storage	Micro SD/SDXC card slot, up to 64GB
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing) -H: -40°C ~ 60°C (-40°F ~140°F) , with smart heater on
Power supply	12 VDC ± 10%, PoE (802.3af)
Power consumption	Max. 11W -Z/-H: Max. 12W
IR range	Up to 30m Up to 80m with 8~20m VF lens
Ingress protection	IP66
Dimensions	98 x 105 x 328.8 mm
Weight	1700 g (3.75 lbs)

DS-2CD4224F-I(Z/S/H)

2MP Full HD IR Bullet Network Camera

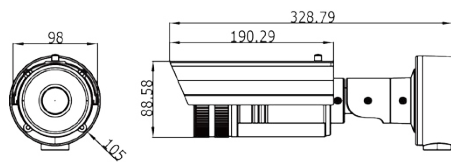
* Product picture and technical specs subject to change without previous notice.
For further information, please contact our local sales representatives.



Key features

- Up to 1920 x 1080 high resolution
- Full HD1080p video
- Smart Codec
- DWDR, 3D DNR
- Triple streams
- Micro SD/SDXC card slot, up to 64GB
- Smart Focus: Motorized VF lens (-Z)
- Smart VQD
- Smart Facial Detection
- Intrusion Detection
- Built-in heater & fan
- Defog
- EIS (Electronic Image Stabilization)

Dimension (unit: mm)



Available Models

- DS-2CD4224F-I
- DS-2CD4224F-IS
- DS-2CD4224F-IZ
- DS-2CD4224F-IZS
- DS-2CD4224F-IZH
- DS-2CD4224F-IZHS

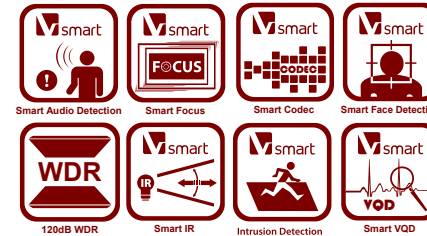
* -Z: Motorized VF lens
* -S: 1-ch audio I/O, 1-ch alarm I/O and 1-ch RS-485 interface
* -H: Smart Heater

Camera	
Image sensor	1/2.8" progressive scan CMOS
Min. illumination	0.02 lux@F1.2, AGC on, 0.027 lux@F1.4, AGC on, 0 lux with IR
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens	2.8 ~ 12mm @F1.4, angle of view: 113° ~ 33.8° (-Z: motorized VF lens) * 8~20mm @F1.6 lens (optional), angle of view: 40° ~ 16.5°
Lens mount	Φ14
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	DWDR
Compression standard	
Video compression	H.264 / MPEG4 / MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726 *only for -S model
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726) *only for -S model
Image	
Max. resolution	1920 x 1080
Frame rate	50 Hz: 25fps (1920 x 1080), 25fps (1280 x 960), 25fps (1280 x 720) 60 Hz: 30fps (1920 x 1080), 30fps (1280 x 960), 30fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 25fps (1920 x 1080), 60Hz: 30fps (1920 x 1080)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
BLC	Yes, zone configurable
HLC	Yes
Defog	Yes
EIS	Yes
Picture overlay	128 x 128, BMP 24bit, zone configurable
ROI	Yes, up to 4 configurable areas.
Network	
Network storage	NAS
Alarm trigger	Motion detection, face detection, tampering alarm, defocus, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP, SRTP optional)
Security	User authentication, watermark, IP address filtering, anonymous access, reset
System compatibility	ONVIF, PSIA, CGI
Interface	
Communication interface	1 RJ45 10M / 100M ethernet port
On-board storage	Micro SD/SDXC card slot, up to 64GB
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing) -H: -40°C ~ 60°C (-40°F ~ 140°F), with smart heater on
Power supply	12 VDC ± 10%, PoE (802.3af)
Power consumption	Max. 11W -Z/-H: Max. 12W
IR range	Up to 30m Up to 80m with 8~20m VF lens
Ingress protection	IP66
Dimensions	98 x 105 x 328.8 mm
Weight	1700 g (3.75 lbs)

DS-2CD4232FWD-I(Z/S/H)

3MP WDR IR Bullet Network Camera

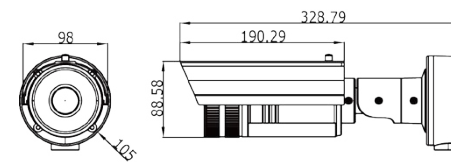
* Product picture and technical specs subject to change without previous notice.
For further information, please contact our local sales representatives.



Key features

- Up to 2048 x 1536 high resolution
- Full HD1080p video
- Smart Codec
- 120dB WDR, 3D DNR
- Triple streams
- Micro SD/SDXC card slot, up to 64GB
- Smart Focus: Motorized VF lens (-Z)
- Smart VQD
- Smart Facial Detection
- Intrusion Detection
- Built-in heater & fan
- Defog
- EIS (Electronic Image Stabilization)

Dimension (unit: mm)



Available Models

- DS-2CD4232FWD-I
- DS-2CD4232FWD-IS
- DS-2CD4232FWD-IZ
- DS-2CD4232FWD-IZS
- DS-2CD4232FWD-IZH
- DS-2CD4232FWD-IZHS

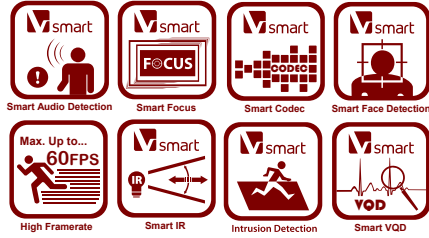
* -Z: Motorized VF lens
* -S: 1-ch audio I/O, 1-ch alarm I/O and 1-ch RS-485 interface
* -H: Smart Heater

Camera	
Image sensor	1/3" progressive scan CMOS
Min. illumination	0.1 lux@F1.2, AGC on, 0.14 lux@F1.4, AGC on, 0 lux with IR
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens	2.8 ~ 12mm @F1.4, angle of view: 91.2° ~ 28.3° (-Z: motorized VF lens) * 8~20mm @F1.6 lens (optional), angle of view: 33.2° ~ 13.8°
Lens mount	Φ14
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	120dB WDR
Compression standard	
Video compression	H.264 / MPEG4 / MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726 *only for -S model
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726) *only for -S model
Image	
Max. resolution	2048 x 1536
Frame rate	50 Hz: 20fps (2048 x 1536), 25fps (1920 x 1080), 25fps (1280 x 720) 60 Hz: 20fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 20fps (2048 x 1536), 60Hz: 20fps (2048 x 1536)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
BLC	Yes, zone configurable
Defog	Yes
EIS	Yes
Picture overlay	128 x 128, BMP 24bit, zone configurable
ROI	Yes, up to 4 configurable areas.
Network	
Network storage	NAS
Alarm trigger	Motion detection, face detection, tampering alarm, defocus, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP, SRTP optional)
Security	User authentication, watermark, IP address filtering, anonymous access, reset
System compatibility	ONVIF, PSIA, CGI
On-board storage	Micro SD/SDXC card slot, max. 64GB
Interface	
Communication interface	1 RJ45 10M / 100M ethernet port
On-board storage	Micro SD/SDXC card slot, up to 64GB
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing) -H: -40°C ~ 60°C (-40°F ~ 140°F), with smart heater on
Power supply	12 VDC ± 10%, PoE (802.3af)
Power consumption	Max. 11W -Z/-H: Max. 12W
IR range	Up to 30m Up to 80m IR with 8~20m VF lens
Ingress protection	IP66
Dimensions	98 x 105 x 328.8 mm
Weight	1700 g (3.75 lbs)

DS-2CD4312F-I(Z/S/H)

1.4MP Low-light Outdoor Dome Network Camera

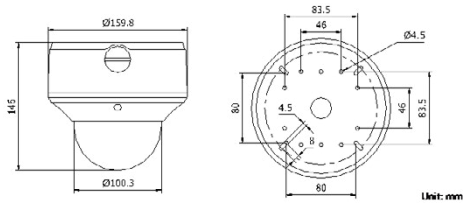
* Product picture and technical specs subject to change without previous notice.
For further information, please contact our local sales representatives.



Key features

- Up to 1280 x 1024 high resolution
- HD720p video (up to 60fps)
- Smart Codec
- DWDR, 3D DNR
- Triple streams
- Micro SD/SDXC card slot, up to 64GB
- Smart Focus: Motorized VF lens (-Z)
- Smart VQD
- Smart Facial Detection
- Intrusion Detection
- Built-in heater & fan
- Defog
- EIS (Electronic Image Stabilization)

Dimension (unit: mm)



Available Models

- DS-2CD4312F-I
- DS-2CD4312F-IS
- DS-2CD4312F-IZ
- DS-2CD4312F-IZS
- DS-2CD4312F-IZH
- DS-2CD4312F-IZHS

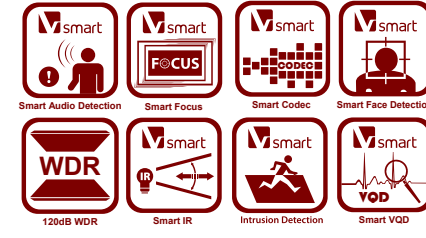
* -Z: Motorized VF lens
* -S: 1-ch audio I/O, 1-ch alarm I/O
and 1-ch RS-485 interface
* -H: Smart Heater

Camera	
Image sensor	1/3" progressive scan CMOS
Min. illumination	0.01 lux@F1.2, AGC on, 0.014 lux@F1.4, AGC on, 0 lux with IR
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens	2.8 ~ 12mm @F1.4, angle of view: 98.4° ~ 30.2° (-Z: motorized VF lens)
Lens mount	Φ14
Angle adjustment	Pan: 0° ~ 360°, tilt: 0° ~ 75°, rotation: 0° ~ 360°
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	DWDR
Compression standard	
Video compression	H.264 / MPEG4 / MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726 *only for -S model
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726) *only for -S model
Image	
Max. resolution	1280 x 1024
Frame rate	50 Hz: 25fps (1280 x 1024), 25fps (1280 x 960), 50fps (1280 x 720) 60 Hz: 30fps (1280 x 1024), 30fps (1280 x 960), 60fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 25fps (1280 x 1024), 60Hz: 30fps (1280 x 1024)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
BLC	Yes, zone configurable
HLC	Yes
Defog	Yes
EIS	Yes
Picture overlay	128 x 128, BMP 24bit, zone configurable
ROI	Yes, up to 4 configurable areas.
Network	
Network storage	NAS
Alarm trigger	Motion detection, face detection, tampering alarm, defocus, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP, SRTP optional)
Security	User authentication, watermark, IP address filtering, anonymous access, reset
System compatibility	ONVIF, PSIA, CGI
Interface	
Communication interface	1 RJ45 10M / 100M ethernet port
Video Output	1 Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Micro SD/SDXC card slot, up to 64GB
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing) -H: -40°C ~ 60°C (-40°F ~ 140°F), with smart heater on
Power supply	24 VAC ± 10%, PoE (802.3af)
Power consumption	Max. 12W -Z/-H: Max. 13W
IR range	Up to 30m
Ingress protection	IP66
Impact protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Dimensions	Φ 159.8 x 146 mm (Φ 6.29" x 5.75")
Weight	2100 g (4.62 lbs)

DS-2CD4312FWD-I(Z/S/H)

1.3MP WDR Outdoor Dome Network Camera

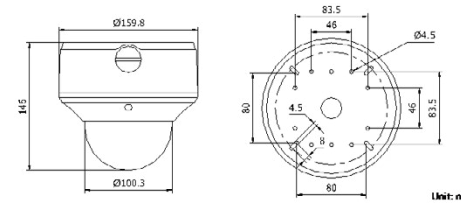
* Product picture and technical specs subject to change without previous notice.
For further information, please contact our local sales representatives.



Key features

- Up to 1280 x 960 high resolution
- HD720p video (up to 60fps)
- Smart Codec
- 120dB WDR, 3D DNR
- Triple streams
- Micro SD/SDXC card slot, up to 64GB
- Smart Focus: Motorized VF lens (-Z)
- Smart VQD
- Smart Facial Detection
- Intrusion Detection
- Built-in heater & fan
- Defog
- EIS (Electronic Image Stabilization)

Dimension (unit: mm)



Available Models

- DS-2CD4312FWD-I
- DS-2CD4312FWD-IS
- DS-2CD4312FWD-IZ
- DS-2CD4312FWD-IZS
- DS-2CD4312FWD-IZH
- DS-2CD4312FWD-IZHS

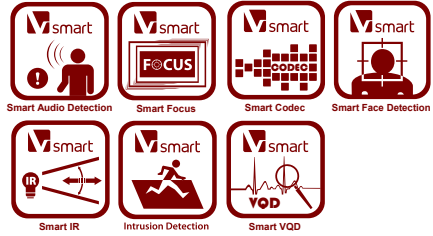
* -Z: Motorized VF lens
* -S: 1-ch audio I/O, 1-ch alarm I/O
and 1-ch RS-485 interface
* -H: Smart Heater

Camera	
Image sensor	1/3" progressive scan CMOS
Min. illumination	0.01 lux@F1.2, AGC on, 0.014 lux@F1.4, AGC on, 0 lux with IR
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens	2.8 ~ 12mm @F1.4, angle of view: 98.4° ~ 30.2° (-Z: motorized VF lens)
Lens mount	Φ14
Angle adjustment	Pan: 0° ~ 360°, tilt: 0° ~ 75°, rotation: 0° ~ 360°
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	120dB WDR
Compression standard	
Video compression	H.264 / MPEG4 / MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726 *only for -S model
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726) *only for -S model
Image	
Max. resolution	1280 x 960
Frame rate	50 Hz: 25fps (1280 x 960), 25fps (1280 x 720) 60 Hz: 30fps (1280 x 960), 30fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 25fps (1280 x 960), 60Hz: 30fps (1280 x 960)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
BLC	Yes, zone configurable
Defog	Yes
EIS	Yes
Picture overlay	128 x 128, BMP 24bit, zone configurable
ROI	Yes, up to 4 configurable areas.
Network	
Network storage	NAS
Alarm trigger	Motion detection, face detection, tampering alarm, defocus, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP, SRTP optional)
Security	User authentication, watermark, IP address filtering, anonymous access, reset
System compatibility	ONVIF, PSIA, CGI
On-board storage	Micro SD/SDXC card slot, max. 64GB
Interface	
Communication interface	1 RJ45 10M / 100M ethernet port
Video Output	1 Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Micro SD/SDXC card slot, up to 64GB
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing) -H: -40°C ~ 60°C (-40°F ~ 140°F), with smart heater on
Power supply	24 VAC ± 10%, PoE (802.3af)
Power consumption	Max. 12W -Z/-H: Max. 13W
IR range	Up to 30m
Ingress protection	IP66
Impact protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Dimensions	Φ 159.8 x 146 mm (Φ 6.29" x 5.75")
Weight	2100 g (4.62 lbs)

DS-2CD4324F-I(Z/S/H)

2MP Full HD Outdoor Dome Network Camera

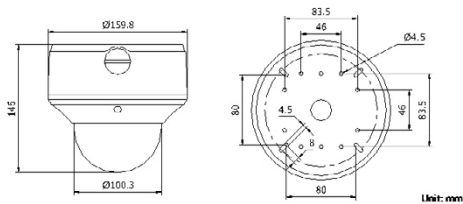
* Product picture and technical specs subject to change without previous notice.
For further information, please contact our local sales representatives.



Key features

- Up to 1920 x 1080 high resolution
- Full HD1080p video
- Smart Codec
- DWDR, 3D DNR
- Triple streams
- Micro SD/SDXC card slot, up to 64GB
- Smart Focus: Motorized VF lens (-Z)
- Smart VQD
- Smart Facial Detection
- Intrusion Detection
- Built-in heater & fan
- Defog
- EIS (Electronic Image Stabilization)

Dimension (unit: mm)



Available Models

- DS-2CD4324F-I
- DS-2CD4324F-IS
- DS-2CD4324F-IZ
- DS-2CD4324F-IZS
- DS-2CD4324F-IZH
- DS-2CD4324F-IZHS

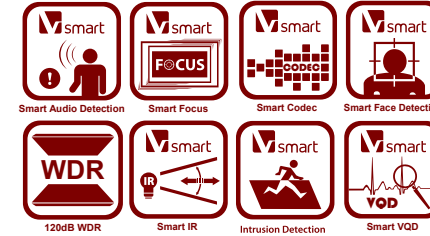
- * -Z: Motorized VF lens
- * -S: 1-ch audio I/O, 1-ch alarm I/O and 1-ch RS-485 interface
- * -H: Smart Heater

Camera	
Image sensor	1/2.8" progressive scan CMOS
Min. illumination	0.02 lux@F1.2, AGC on, 0.027 lux@F1.4, AGC on, 0 lux with IR
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens	2.8 ~ 12mm @F1.4, angle of view: 113° ~ 33.8° (-Z: motorized VF lens)
Lens mount	Ø14
Angle adjustment	Pan: 0° ~ 360°, tilt: 0° ~ 75°, rotation: 0° ~ 360°
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	DWDR
Compression standard	
Video compression	H.264 / MPEG4 / MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726 *only for -S model
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726) *only for -S model
Image	
Max. resolution	1920 x 1080
Frame rate	50 Hz: 25fps (1920 x 1080), 25fps (1280 x 960), 25fps (1280 x 720) 60 Hz: 30fps (1920 x 1080), 30fps (1280 x 960), 30fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 25fps (1920 x 1080), 60Hz: 30fps (1920 x 1080)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
BLC	Yes, zone configurable
HLC	Yes
Defog	Yes
EIS	Yes
Picture overlay	128 x 128, BMP 24bit, zone configurable
ROI	Yes, up to 4 configurable areas.
Network	
Network storage	NAS
Alarm trigger	Motion detection, face detection, tampering alarm, defocus, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP, SRTP optional)
Security	User authentication, watermark, IP address filtering, anonymous access, reset
System compatibility	ONVIF, PSIA, CGI
Interface	
Communication interface	1 RJ45 10M / 100M ethernet port
Video Output	1 Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Micro SD/SDXC card slot, up to 64GB
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing) -H: -40°C ~ 60°C (-40°F ~ 140°F), with smart heater on
Power supply	24 VAC ± 10%, PoE (802.3af)
Power consumption	Max. 12W -Z/-H: Max. 13W
IR range	Up to 30m
Ingress protection	IP66
Impact protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Dimensions	Ø 159.8 x 146 mm (Ø 6.29" x 5.75")
Weight	2100 g (4.62 lbs)

DS-2CD4332FWD-I(Z/S/H)

3MP WDR Outdoor Dome Network Camera

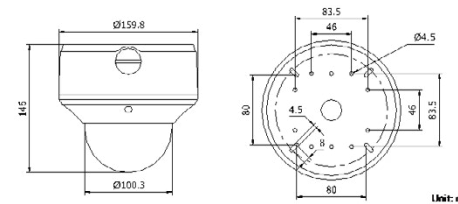
* Product picture and technical specs subject to change without previous notice.
For further information, please contact our local sales representatives.



Key features

- Up to 2048 x 1536 high resolution
- Full HD1080p video
- Smart Codec
- 120dB WDR, 3D DNR
- Triple streams
- Micro SD/SDXC card slot, up to 64GB
- Smart Focus: Motorized VF lens (-Z)
- Smart VQD
- Smart Facial Detection
- Intrusion Detection
- Built-in heater & fan
- Defog
- EIS (Electronic Image Stabilization)

Dimension (unit: mm)



Available Models

- DS-2CD4332FWD-I
- DS-2CD4332FWD-IS
- DS-2CD4332FWD-IZ
- DS-2CD4332FWD-IZS
- DS-2CD4332FWD-IZH
- DS-2CD4332FWD-IZHS

- * -Z: Motorized VF lens
- * -S: 1-ch audio I/O, 1-ch alarm I/O and 1-ch RS-485 interface
- * -H: Smart Heater

Camera	
Image sensor	1/3" progressive scan CMOS
Min. illumination	0.1 lux@F1.2, AGC on, 0.14 lux@F1.4, AGC on, 0 lux with IR
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens	2.8 ~ 12mm @F1.4, angle of view: 91.2° ~ 28.3° (-Z: motorized VF lens)
Lens mount	Ø14
Angle adjustment	Pan: 0° ~ 360°, tilt: 0° ~ 75°, rotation: 0° ~ 360°
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	120dB WDR
Compression standard	
Video compression	H.264 / MPEG4 / MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726 *only for -S model
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726) *only for -S model
Image	
Max. resolution	2048 x 1536
Frame rate	50 Hz: 20fps (2048 x 1536), 25fps (1920 x 1080), 25fps (1280 x 720) 60 Hz: 20fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 20fps (2048 x 1536), 60Hz: 20fps (2048 x 1536)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
BLC	Yes, zone configurable
Defog	Yes
EIS	Yes
Picture overlay	128 x 128, BMP 24bit, zone configurable
ROI	Yes, up to 4 configurable areas.
Network	
Network storage	NAS
Alarm trigger	Motion detection, face detection, tampering alarm, defocus, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP, SRTP optional)
Security	User authentication, watermark, IP address filtering, anonymous access, reset
System compatibility	ONVIF, PSIA, CGI
On-board storage	Micro SD/SDXC card slot, max. 64GB
Interface	
Communication interface	1 RJ45 10M / 100M ethernet port
Video Output	1 Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Micro SD/SDXC card slot, up to 64GB
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing) -H: -40°C ~ 60°C (-40°F ~ 140°F), with smart heater on
Power supply	24 VAC ± 10%, PoE (802.3af)
Power consumption	Max. 12W -Z/-H: Max. 13W
IR range	Up to 30m
Ingress protection	IP66
Impact protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Dimensions	Ø 159.8 x 146 mm (Ø 6.29" x 5.75")
Weight	2100 g (4.62 lbs)

Professional NVR



DS-9632/64NI-ST(-RT)

Embedded 2U Powerful NVR

- 160Mbps Bit Rate Input Max(up to 32/64-ch IP video)
- Third-party network cameras supported
- Up to 5 Megapixels resolution recording
- HDMI and VGA output at up to 1920x1080P resolution
- Dual Gigabit network interfaces
- 8 SATA, 1 eSATA, 3 USB2.0
- *-RT series support RAID0, 1, 5, 10



DS-7716/32NI-ST(-SP)

Embedded 1.5U PoE Professional NVR

- 80/160Mbps Bit Rate Input Max(up to 16/32-ch IP video)
- Third-party network cameras supported
- Up to 5 Megapixels resolution recording
- HDMI and VGA output at up to 1920x1080P resolution
- 4 SATA, 3 USB2.0
- *-SP series support 16 independent PoE network interfaces

iVMS Software



iVMS-4200
Client Software

- Support all Hikvision devices, like cameras, DVR/DVS, .etc
- Provide exible solution by using dierent modules
- Support HD devices
- Logical design for users easy to use
- Manage channels by group
- Brief instruction for each module
- Multiple views and screens display



iVMS-4500
Mobile Phone Software

- Support all Hikvision devices, like cameras, DVR/DVS, .etc
- Base on mobile phone/PDA device
- Support HD devices
- Logical design for users easy to use
- Support Windows mobile, iPhone, Andriod and Symbian OS

Megapixel Vari-focal Lens



TV0550D-MPIR

- Resolution: Up to 3 Megapixel
- IR correction
- Molded glass aspheric surface
- 5~50mm Vari-focal range
- 1/2.7" format
- Aperture: F1.6
- DC Drive, Auto Iris



TV2712D-MPIR

- Resolution: Up to 3 Megapixel
- IR correction
- Molded glass aspheric surface
- 2.7~12mm Vari-focal range
- 1/2.7" format
- Aperture: F1.2
- DC Drive, Auto Iris



TV2810D-MPIR

- Resolution: Up to 3 Megapixel
- IR correction
- Molded glass aspheric surface
- 2.8~10mm Vari-focal range
- 1/2.7" format
- Aperture: F1.4
- DC Drive, Auto Iris



DS-1203ZJ

Pendant mount
Aluminium alloy
70.4x84x200mm



DS-1212ZJ

Wall mount
Aluminium alloy
95x65x188.5mm



DS-1213ZJ

Wall mount
Aluminium alloy
83x123.9x304mm



DS-1214ZJ

Horizontal pole mount
Aluminium alloy
117x226x194mm



DS-1275ZJ

Vertical pole mount
Aluminium alloy
117x143x194mm
* work with DS-1213ZJ



DS-1320HZ

Indoor Housing
ABS Plastic
110.9x108.7x300.2mm



DS-1321HZ

Outdoor Housing
Aluminium alloy
113x143x452mm



DS-1322HZ-HW

Outdoor Housing
Aluminium alloy
113x143x452mm
* Fan, windscreen wiper, heater, AC24V power supply



DS-1322HZ-H

Outdoor Housing
Aluminium alloy
113x143x452mm
* Fan, heater, AC24V power supply



DS-1273ZJ-130B

Wall mount
Aluminum alloy
Φ130x182x120mm
* Including electric wire intake box



DS-1273ZJ-130

Wall mount
Aluminum alloy
Φ130x182x120mm



DS-1271ZJ-130

Pendant mount
Aluminum alloy
Φ130x545mm



DS-1227ZJ

In-ceiling mount
Aluminum alloy
Φ210x90mm



DS-1275ZJ

Vertical pole mount
Aluminum alloy
117x143x194mm
* work with DS-1273ZJ-130



DS-1276ZJ

Corner mount
Aluminum alloy
158x173mm
* work with DS-1273ZJ-130



DS-1275ZJ

Vertical pole mount
Aluminum alloy
117x143x194mm
* work with DS-1273ZJ-130



DS-1273ZJ-160

Wall mount
Aluminum alloy
Φ160x182x120mm



DS-1273ZJ-160B

Wall mount
Aluminum alloy
Φ160x182x120mm
* Including electric wire intake box



DS-1268ZJ

Pendant mount
Aluminum alloy
Φ139x500mm



DS-1275ZJ

Vertical pole mount
Aluminum alloy
117x143x194mm
* work with DS-1273ZJ-130



DS-1276ZJ

Corner mount
Aluminum alloy
158x173mm
* work with DS-1273ZJ-130

Shopping Malls

With heavy traffic flow from numerous stores, restaurants, and independent areas, shopping malls are prone to security breakdowns in the areas of shoplifting, theft, fraud, and assault.

Sucess Stories



GUCCI Store, China



DM Drugstores, Germany

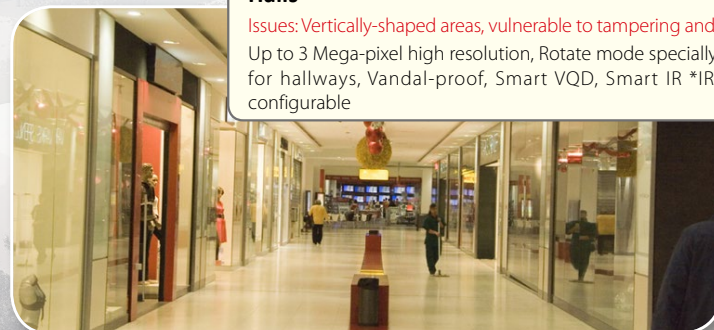


Oechsle Department Stores, Peru

Visit www.hikvision.com to find more.

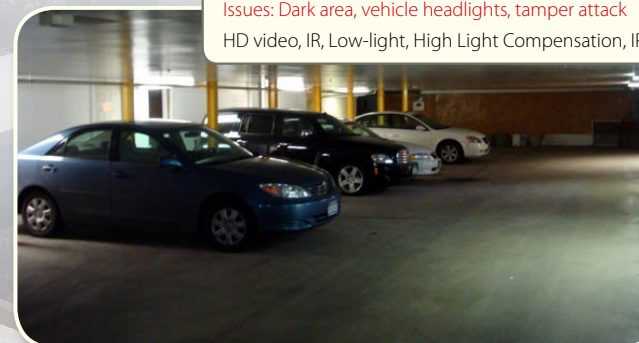
Halls

Issues: Vertically-shaped areas, vulnerable to tampering and vandalism
Up to 3 Mega-pixel high resolution, Rotate mode specially designed for hallways, Vandal-proof, Smart VQD, Smart IR *IR strength configurable



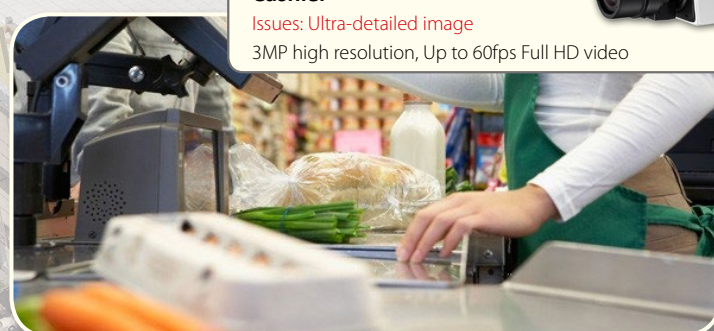
Underground Parking Lots

Issues: Dark area, vehicle headlights, tamper attack
HD video, IR, Low-light, High Light Compensation, IP66, vandal-proof



Cashier

Issues: Ultra-detailed image
3MP high resolution, Up to 60fps Full HD video



Entrance

Issues: Sunlight, heavy traffic flow
120dB WDR, Full HD video, Face Detection, ROI codec



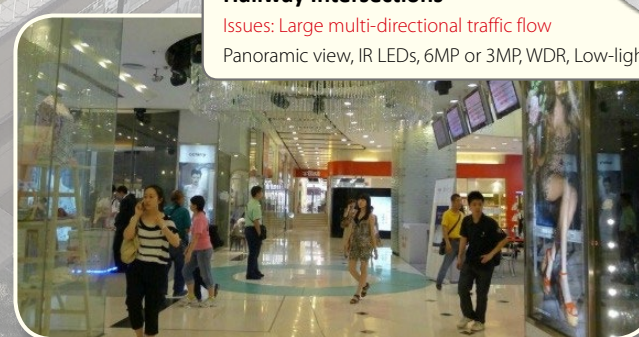
Perimeter

Issues: Large areas, external weather conditions
Up to 80m IR Range, IP66 Weather-proof, Heater



Hallway Intersections

Issues: Large multi-directional traffic flow
Panoramic view, IR LEDs, 6MP or 3MP, WDR, Low-light, Virtual PTZ



Security Room

Issues: High data throughput
Up-to 64 channel IP video, Support up-to 5 megapixel resolution



Shop & Store

Issues: Aesthetical requirements
Thumb-sized lens unit, Painless installation, Alarm, Audio I/O, Dual-lens unit support



Also Available

Also Available



HIKVISION

First Choice for Security Professionals



www.hikvision.com

Headquarters

No.700 Dongliu Road, Binjiang District,
Hangzhou 310052, China

Tel: +86-571-8807-5998
Email: overseasbusiness@hikvision.com

Hikvision USA

Tel: +1-909-895-0400
Email: sales@hikvisionusa.com

Hikvision India

Tel: +91-22-28469900
Email: sales@pramahikvision.com

Hikvision Europe

Tel: +31-23-5542770
Email: saleseuro@hikvision.com

Hikvision Italy

Tel: +39-0438-6902
Email: info.it@hikvision.com

Hikvision Middle East

Tel: +971-4-8847628
Email: salesme@hikvision.com

Hikvision Singapore

Tel: +65-66844718
Email: sg@hikvision.com

Hikvision Russia

Tel: +7-812-313-19-63
Email: salesru@hikvision.com

Hikvision Hong Kong

Tel: +852-2151-1761