

**A FIGHTER
KEEPS
STRONG LIGHT
AWAY!**

LIGHTFIGHTER

LIGHTFIGHTER
Network Cameras

Key Features

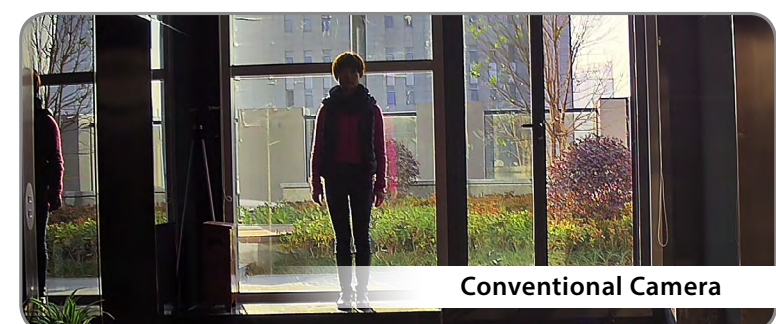
AGAINST THE LIGHT



Up to 140dB industrial-leading WDR Technology



Hikvision Lightfighter Camera



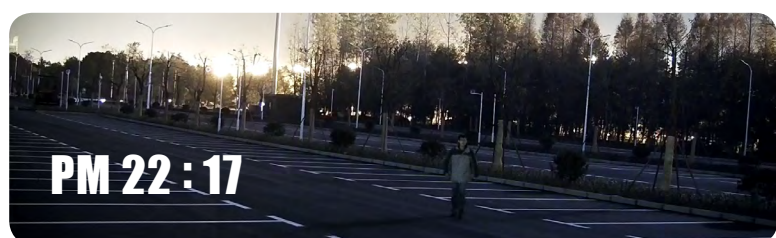
Conventional Camera

Complete Product Offering

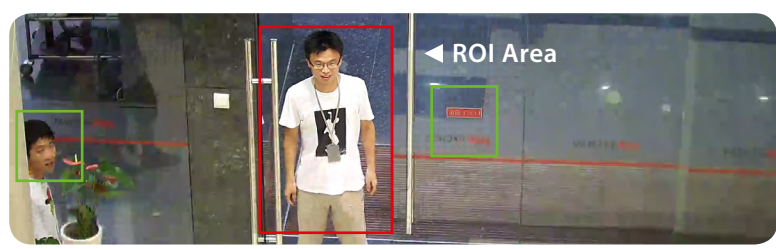
Up to 8~32mm Motorized Vari-focal lens with Smart Focus



High low-light performance with up to 150m IR Arrays



Efficient bandwidth consuming with Smart Codec

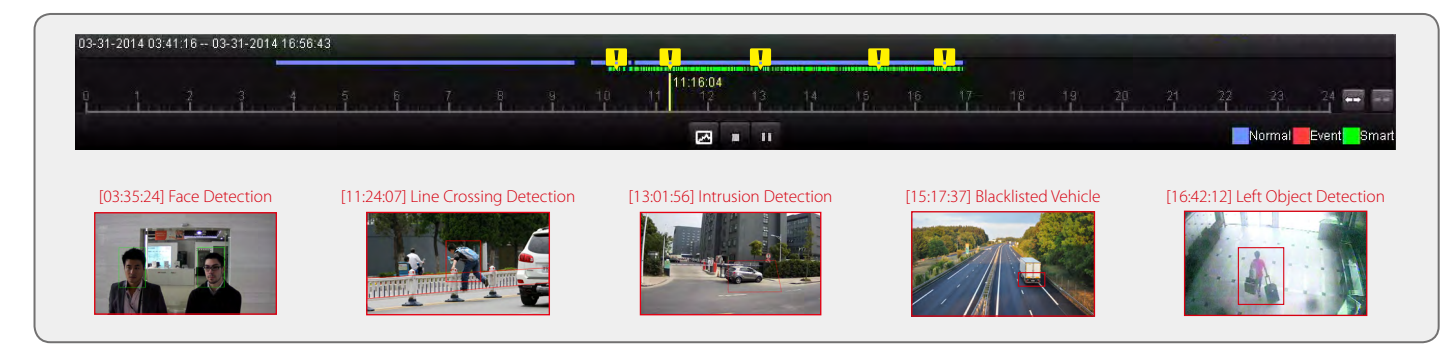


Unrivaed Performance in Smart IPC



SMART SOLUTION

From front-end Smart Detection to back-end Smart Playback/backup, Hikvision offers structured content-based Smart Solution that will increase significantly the efficacy of post-event investigation and also make a big save on storage space.



SMART APPLICATION

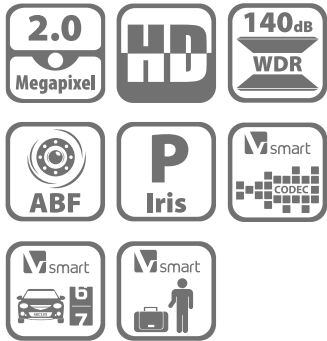


DS-2CD4025FWD -(A)(P)

2MP Smart IP Box Camera

DS-2CD4A25FWD-IZ(H)(S)

2MP Smart IP Outdoor Bullet Camera



Key Features

- 2MP high resolution
- Full HD1080p video, up to 60fps
- 140dB WDR
- Full Smart feature-set
- Auto Back Focus (-A)
- P-Iris (-P)

Order Models

- DS-2CD4025FWD
- DS-2CD4025FWD-A
- DS-2CD4025FWD-P
- DS-2CD4025FWD-AP

Lens included Model:

TV2712D-MPIR

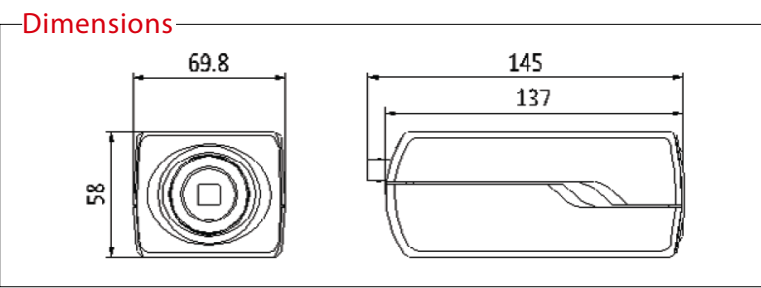
- Vari-focal range 2.7~12mm
- IR correction
- Up to 3MP resolution
- Format1/2.7"
- DC Drive, Auto Iris

HV1140D(P)-8MPIR

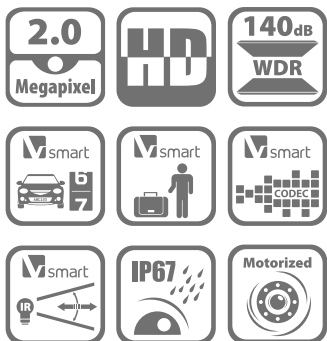
- Focal range 11-40mm
- Aperture F1.5-C
- IR correction
- Up to 8MP resolution
- Format 9mm(1/1.8")
- D: DC Iris / P: P-Iris

HV3816D(P)-8MPIR

- Focal range 3.8-16mm
- Aperture F1.5-∞
- IR correction
- Up to 8MP resolution
- Format 9mm(1/1.8")
- D: DC Iris / P: P-Iris



DS-2CD4025FWD-(A)	
Camera	
Image Sensor	Progressive Scan CMOS
Min. illumination	Color: 0.005 Lux @ (F1.2, AGC ON) ; B/W: 0.0005 Lux @ (F1.2, AGC ON)
Shutter Speed	1 s to 1/100,000 s
Slow Shutter	Support
Lens Mount	C/CS mount
Auto-iris	DC drive(-P: support P-Iris)
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Wide Dynamic Range	140dB
Focus	-A: support ABF
Compression standard	
Video Compression	H.264/MPEG4/MJPEG
H.264 Type	Baseline Profile / Main Profile / High Profile
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 50fps (1920 × 1080) /(1280 × 960)/(1280 × 720) 60Hz: 60fps (1920 × 1080) /(1280 × 960)/(1280 × 720)
Third Stream	Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1920 × 1080) ; 60Hz: 30fps (1920 × 1080)
BLC	Support
HLC	Support
Smart Defog	Support
Image Setting	Rotate Mode, Saturation, Brightness, Contrast adjustable by client software or web browser
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
ROI	Support
Picture Overlay	LOGO picture can be overlaid on video with 128x128 24bit bmp format
Network	
Network Storage	NAS (Support NFS,SMB/CIFS)
Alarm Trigger	Intrusion detection, Defocus detection, Motion detection, Face detection, Dynamic analysis, Tampering alarm, 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
Security	User Authentication, Watermark, IP address filtering, Anonymous access
Standard	ONVIF, PSIA, CGI, ISAPI
Interface	
Audio Input	1-ch 3.5 mm audio interface, Mic in/Line in. 1 build-in Microphone
Audio Output	1-ch 3.5 mm audio interface
Communication Interface	1 RJ45 10M/100M Ethernet port, 1 RS-485 interface and 1 RS-232 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 64 GB
Reset Button	Yes
General	
Operating conditions	-30 ℃ – 60 ℃ (-22 ℉ – 140 ℉), Humidity 95% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%, PoE (802.3af)
Power Consumption	Max. 6 W (Max. 9W with IR cut filter on)
Dimensions	69.8×58×145 mm (2.68"× 2.56"× 5.70")
Weight	830 g (1.83 lbs)

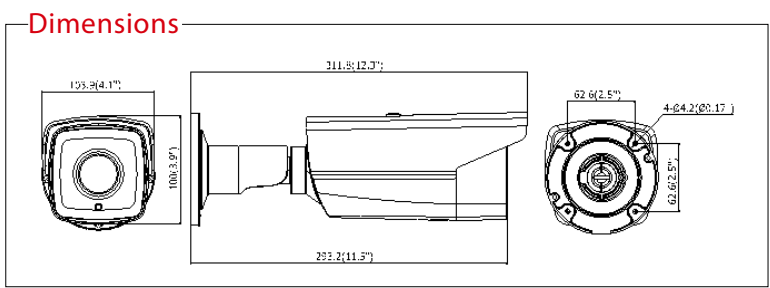


Key Features

- 2MP high resolution
- Full HD1080p video, up to 60fps
- 140dB WDR
- Full Smart feature-set
- Motorized VF lens with Smart Focus
- Up to 100m IR range
- Smart Heater (-H)
- Audio/Alarm IO (-S)

Order Models

- DS-2CD4A25FWD-IZ
- DS-2CD4A25FWD-IZS
- DS-2CD4A25FWD-IZH
- DS-2CD4A25FWD-IZHS



DS-2CD4A25FWD-IZ(H)(S)	
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. illumination	0.005 Lux @ (F1.2, AGC ON), 0 lux with IR 0.007 Lux @ (F1.4, AGC ON), 0 lux with IR
Shutter Speed	1 s to 1/100,000 s
Lens	2.8-12mm @ F1.4, 113°~33.8°,8-32mm @ F1.4, 31.2°~10.2°
Lens Mount	AF automatic focusing and motorized zoom lens
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Wide Dynamic Range	140dB
Compression standard	
Video Compression	H.264/ MJPEG
H.264 Type	Baseline Profile / Main Profile / High Profile
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 50fps (1920 × 1080) /(1280 × 960)/(1280 × 720) 60Hz: 60fps (1920 × 1080) /(1280 × 960)/(1280 × 720)
Third Stream	Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1920 × 1080) ; 60Hz: 30fps (1920 × 1080)
BLC	Support, zone optional
Defog	Support
HLC	Support
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
ROI	Support
Picture Overlay	128x128 24bit BMP format overlay, zone optional
Network	
Network Storage	Micro SD/SDHC/SDXC card with ANR (up to 64G), NAS (Support NFS,SMB/CIFS)
Alarm Trigger	Line crossing Detection, Intrusion detection, scene change detection, audio exception detection, Motion detection, Dynamic analysis, Tampering alarm, 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
Security	One-key recovery, flash-prevention, three streams, heartbeat, mirror, password protection, video mask, Watermark, IP address filtering, Anonymous access
Standard	ONVIF, PSIA, CGI, ISAPI
General	
Protection Level	IP67
Operating conditions	-30 ℃ – 60 ℃ (-22 ℉ – 140 ℉), Humidity 95% or less (non-condensing) -H: -40 ℃ – 60 ℃
Power Supply	12 V DC ± 10%, PoE (802.3at)
IR Distance	2.8-12mm : Up to 50m 8-32mm : Up to 100m
Power Consumption	12W MAX -H:18W MAX (uncertain)
Dimensions	100x103.9x311.8mm
Weight	2000g

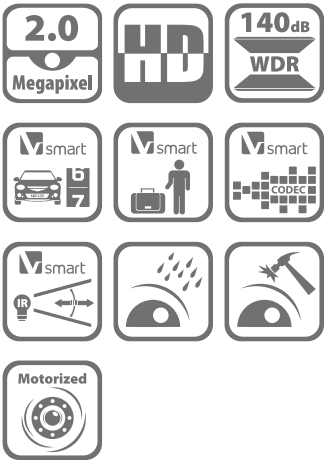
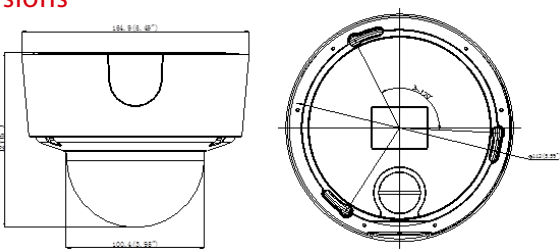
* -S" series support 1-ch audio in/out interface, 1-ch alarm in/out interface and 1-ch RS-485 interface

DS-2CD4525FWD-IZ (H)

2MP Smart IP Outdoor Dome Camera



Dimensions



Key Features

- 2MP high resolution
- Full HD1080p video, up to 60fps
- 140dB WDR
- Full Smart feature-set
- Motorized VF lens with Smart Focus
- Up to 50m IR range
- Smart Heater (-H)

Order Models

DS-2CD4525FWD-IZ
DS-2CD4525FWD-IZH

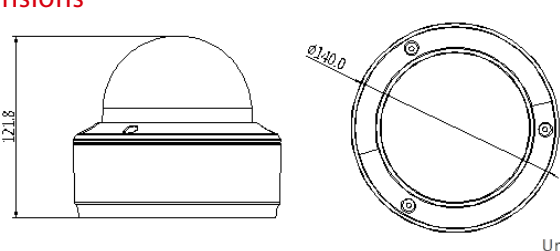
DS-2CD4525FWD-IZ(H)	
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	0.005 Lux @ (F1.2, AGC ON), 0 lux with IR 0.007 Lux @ (F1.4, AGC ON), 0 lux with IR
Shutter Speed	1 s to 1/100,000 s
Lens	2.8-12mm @ F1.4, 113°~33.8°, 8-32mm @ F1.4, 31.2°~10.2°
Lens Mount	AF automatic focusing and motorized zoom lens
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Wide Dynamic Range	140dB
Compression standard	
Video Compression	H.264 / MJPEG/MPEG 4
H.264 Type	Baseline Profile / Main Profile / High Profile
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 50fps (1920 × 1080) /(1280 × 960)/(1280 × 720) 60Hz: 60fps (1920 × 1080) /(1280 × 960)/(1280 × 720)
Third Stream	Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1920 × 1080) ; 60Hz: 30fps (1920 × 1080)
Defog	Support
HLC	Support
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
ROI	Support
Picture Overlay	24bit BMP format overlay, zone optional
Network	
Network Storage	Micro SD/SDHC/SDXC card with ANR (up to 64G), NAS (Support NFS,SMB/CIFS)
Alarm Trigger	Line crossing detection, Intrusion detection, scene change detection, audio exception detection, Motion detection, Dynamic analysis, Tampering alarm, 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
Security	One-key recovery, flash-prevention, three streams, heartbeat, mirror, password protection, video mask, Watermark, IP address filtering, Anonymous access
Standard	ONVIF, PSIA, CGI, ISAPI
Communication Interface	1 RJ45 10M/100M Ethernet interface
Interface	
Audio Input	1-ch 3.5 mm audio interface, Mic in/Line in
Audio Output	1-ch 3.5 mm audio interface
Communication Interface	1 RJ45 10M/100M Ethernet port, 1 RS-485 interface
HDMI Output	1
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 64 GB
Reset Button	Yes
General	
Protection Level	IP66
Operating conditions	-30 °C – 60 °C (-22 °F – 140 °F), Humidity 95% or less (non-condensing) -H: -40 °C – 60 °C
Power Supply	12V DC/24 V AC ± 10%, PoE (802.3af)
IR Distance	2.8-12mm : Up to 40m ; 8-32mm : Up to 50m
Power Consumption	Max: 11W ; -H: 12W
Dimensions	Φ164.9 × 127 mm(Φ6.49"×5")
Weight	2100g

DS-2CD4125FWD-IZ

2MP Smart IP Outdoor Dome Camera



Dimensions



Key Features

- 2MP high resolution
- Full HD1080p video, up to 60fps
- Ultra-low light
- Motorized VF lens with Smart Focus
- 140dB WDR
- Up to 30m IR range
- Vandal-proof
- Audio/Alarm IO

Order Models

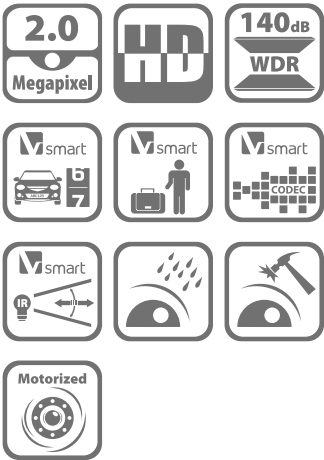
DS-2CD4125FWD-IZ

DS-2CD4125FWD-IZ	
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	0.005 Lux @ (F1.2, AGC ON), 0 lux with IR 0.007 Lux @ (F1.4, AGC ON), 0 lux with IR
Shutter Speed	1 s to 1/100,000 s
Slow Shutter	Support
Lens	2.8-12mm @ F1.4, angle of view: 113-33.8°
Lens Mount	Φ14
Angle Adjustment	Pan:0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°
Auto-iris	DC drive
Day & Night	Electronic (-I: IR cut filter with auto switch)
Digital Noise Reduction	3D DNR
Wide Dynamic Range	140dB
Compression standard	
Video Compression	H.264/MPEG4/MJPEG
H.264 Type	Baseline Profile / Main Profile / High Profile
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 50fps (1920 × 1080) /(1280 × 960)/(1280 × 720) 60Hz: 60fps (1920 × 1080) /(1280 × 960)/(1280 × 720)
Third Stream	Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1920 × 1080) ; 60Hz: 30fps (1920 × 1080)
BLC	Support
HLC	Support
Smart Defog	Support
Image Setting	Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
ROI	Support
Picture Overlay	LOGO picture can be overlaid on video with 128x128 24bit bmp format
Network	
Network Storage	NAS (Support NFS,SMB/CIFS)
Alarm Trigger	Intrusion detection, Defocus detection, Motion detection, Face detection, Dynamic analysis, Tampering alarm, 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
Security	User Authentication, Watermark, IP address filtering, Anonymous access
Standard	ONVIF, PSIA, CGI, ISAPI
Interface	
Audio Input	1-ch 3.5 mm audio interface, Mic in/Line in
Audio Output	1-ch 3.5 mm audio interface
Communication Interface	1 RJ45 10M/100M Ethernet port, 1 RS-485 interface
HDMI Output	1
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 64 GB
Reset Button	Yes
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. 6 W Max. 9 W(IR: 2W, motorized VF lens: 1W)
IR Range	-I: Approx. 10 to 30 meters
Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10
Dimensions	Φ 140 × 121.8 mm (Φ 5.51" × 4.80")
Weight	1400 g (3.09 lbs)

* "-Z" is equipped with Motorized VF lens

DS-2CD4625FWD-IZ (H)(S)

2MP Smart IP Vandal-proof Bullet Camera



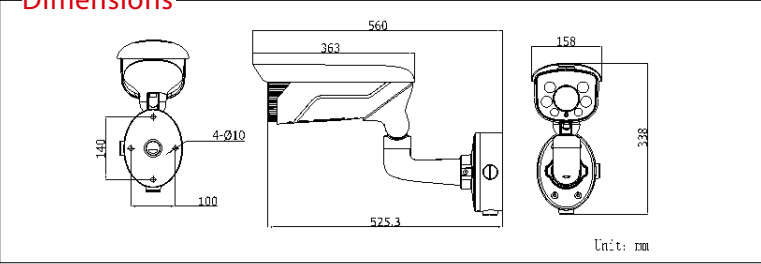
Key Features

- 2MP high resolution
- Full HD1080p video, up to 60fps
- Ultra-low light
- Motorized VF lens with Smart Focus
- 140dB WDR
- Up to 150m IR range
- Vandal-proof & IP66
- Audio/Alarm IO (-S)
- Built-in Heater (-H)

Order Models

- DS-2CD4625FWD-IZ
- DS-2CD4625FWD-IZS
- DS-2CD4625FWD-IZH
- DS-2CD4625FWD-IZHS

Dimensions

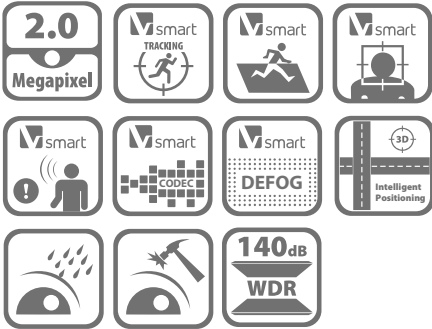


DS-2CD4625FWD-IZ(H)(S)	
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	0.005 Lux @ (F1.2, AGC ON), 0 lux with IR 0.007 Lux @ (F1.4, AGC ON), 0 lux with IR
Shutter Speed	1 s to 1/100,000 s
Lens	2.8-12mm @ F1.4, 113°~33.8° 8-32mm @ F1.4, 31.2°~10.2°
Lens Mount	AF automatic focusing and motorized zoom lens
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Wide Dynamic Range	140dB
Compression standard	
Video Compression	H.264 / MJPEG/MPEG 4
H.264 Type	Baseline Profile / Main Profile / High Profile
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 50fps (1920 × 1080) /(1280 × 960)/(1280 × 720) 60Hz: 60fps (1920 × 1080) /(1280 × 960)/(1280 × 720)
Third Stream	Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1920 × 1080) ; 60Hz: 30fps (1920 × 1080)
BLC	Support, zone optional
Defog	Support
HLC	Support
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
ROI	Support
Picture Overlay	24bit BMP format overlay, zone optional
Network	
Network Storage	Micro SD/SDHC/SDXC card with ANR (up to 64G), NAS (Support NFS,SMB/CIFS)
Alarm Trigger	Line crossing Detection, Intrusion detection, scene change detection, audio exception detection, Motion detection, Dynamic analysis, Tampering alarm, 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
Security	One-key recovery, flash-prevention, three streams, heartbeat, mirror, password protection, video mask, Watermark, IP address filtering, Anonymous access
Standard	ONVIF, PSIA, CGI, ISAPI
Communication Interface	1 RJ45 10M/100M Ethernet interface
General	
Protection Level	IP66
Impact Protection	IEC60068-275Eh, 20J; EN50102, up to IK10
Operating conditions	-30 °C – 60 °C (-22 °F – 140 °F), Humidity 95% or less (non-condensing) -H: -40 °C – 60 °C
Power Supply	24 V AC ± 10%, PoE (802.3at)
IR Distance	2.8-12mm : Up to 70m 8-32mm : Up to 150m
Power Consumption	24W MAX
Dimensions	158x338x560mm
Weight	6200g

* *-S" series support 1-ch audio in/out interface, 1-ch alarm in/out interface and 1-ch RS-485 interface

DS-2DF6236V-AEL

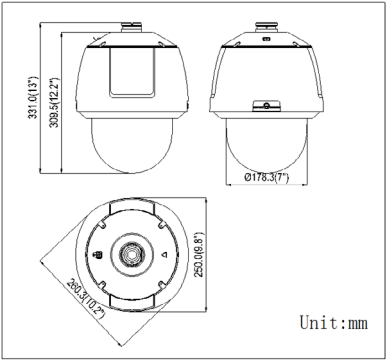
2MP 36X Network PTZ Dome Camera



Key features

- 1/3" HD CMOS sensor
- 1920×1080 Full HD, 36X Optical Zoom
- 140dB WDR
- Smart Tracking
- Smart Detection
- Hi-POE / 24VAC power supply
- Vandal proof (IK10)

Dimensions



Accessories



Available models

- DS-2DF6236V-AEL,
- Hi-POE / 24VAC, outdoor, low temperature

	DS-2DF6236V-AEL
Camera Module	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	F1.6, AGC On: Color: 0.05 lux, B/W : 0.01 lux
Max. Image Resolution	1920×1080
Focal Length	4.5-162mm, 36x
Digital Zoom	16X
Zoom Speed	Approx.3.3s(Optical Wide-Tele)
Angle of View	60.6-3.68 degree (Wide-Tele)
Min. Working Distance	10-1500mm(Wide-Tele)
Aperture Range	F1.6~F4.4
Focus Mode	Auto / Semiautomatic / Manual
WDR	140dB
S / N Ratio	≥ 55dB
Shutter Time	50Hz: 1~1/30,000s; 60Hz: 1~1/30,000s
AGC	Auto / Manual
White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
Day & Night	IR Cut Filter
Privacy Mask	8 privacy masks programmable; optional multiple colors
Enhancement	3D DNR, Defog, HLC/BLC, SVC
Pan and Tilt	
Range	Pan:360° endless; Tilt: -20°~90°(Auto Flip)
Speed	Pan Manual Speed: 0.1°~300°/s, Pan Preset Speed: 540°/s Tilt Manual Speed: 0.1°~240°/s, Tilt Preset Speed: 400°/s
Number of Preset	300
Patrol	16 patrols, up to 32 presets per patrol
Pattern	10 patterns, with the recording time not less than 10 minutes per pattern
Park Action	Preset / Patrol / Pattern / Auto scan / Tilt scan / Random scan / Frame scan / Panorama scan
Scheduled Task	Preset / Patrol / Pattern / Auto scan / Tilt scan / Random scan / Frame scan / Panorama scan/Dome reboot/Dome adjust/Aux output
Smart Features	
Smart tracking	Manual/ Panorama/ Intrusion trigger/ Line crossing trigger/ Region entrance trigger/ Region exiting trigger
Smart detection	Face detection, intrusion detection, line crossing detection, audio exception detection, region entrance, region exiting
ROI encoding	Support 24 areas with adjustable levels
Alarm	
Alarm I/O	7/2
Alarm Trigger	Face detection, Intrusion detection, Line crossing detection, Region entrance, Region exiting, Motion detection, Audio Exception Detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Alarm Action	Preset, Patrol, Pattern, Micro SD/SDHC card recording, Relay output, Notification on Client
Input/Output	
Monitor Output	1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC
Audio Input	1 Mic in/Line in interface, line input: 2-2.4V[p-p]; output impedance: 1KΩ, ±10%
Audio Output	1 Audio output interface, line level, impedance: 600Ω
Network	
Ethernet	10Base-T / 100Base-TX, RJ45 connector
Main Stream	50Hz: 25fps(1920×1080, 1280×960, 1280×720); 60Hz: 30fps(1920×1080, 1280×960, 1280×720)
Sub Stream	50Hz: 25fps(704×576, 352×288, 176×144); 60Hz: 30fps(704×480, 352×240, 176×120)
Third Stream	50Hz: 25fps(1920×1080, 1280×960, 1280×720, 704×576, 352×288, 176×144) 60Hz: 30fps(1920×1080, 1280×960, 1280×720, 704×480, 352×240, 176×120)
Image Compression	H.264/MJPEG/MPEG4, H.264 encoding with Baseline/Main/High profile
Audio Compression	G.711ulaw/G.711alaw/G.726/MP2L2/G.722
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
Simultaneous Live View	Up to 20 users
Mini SD Memory Card	Manual REC / Alarm REC. Built-in Micro SD/SDHC/SDXC card Slot, up to 64GB. Edge recording
User/Host Level	Up to 32 users,3 Levels: Administrator, Operator and User
Security Measures	User authentication (ID and PW); Host authentication (MAC address); IP address filtering
System Integration	
Application programming	Open-ended API, support ONVIF(Profile G), PSIA and CGI, Genetec
Web Browser	IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language
RS-485 Protocols	HIKVISION, Pelco-P, Pelco-D, self-adaptive
Power	24 VAC & Hi-PoE, Max. 60W(24 VAC), Max. 50W(Hi-PoE)
Working Temperature	-40°C ~ 65°C (-40°F ~ 149°F)
Humidity	90% or less
Protection Level	IP66, IK10, TVS 4,000V lightning protection, surge protection and voltage transient protection
Certification	FCC, CE, UL, RoHS, IEC/EN 61000, IEC/EN 55022, IEC/EN 55024, IEC /EN60950-1
Dimensions	Φ178.3(mm)×331.0(mm) (Φ7.02"×13.03")
Weight (approx.)	8kg (approx.)

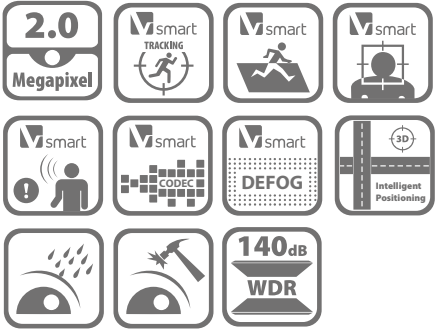
DS-2DF8236IV-AEL

2MP 36X Network IR PTZ Dome Camera



smart PTZ

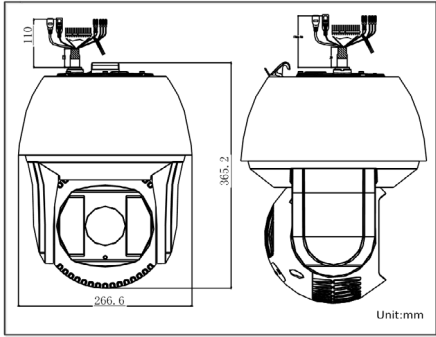
LIGHTFIGHTER



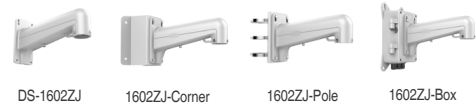
Key features

- 1/3" HD CMOS sensor
- 1920×1080P Full HD, 36X Optical Zoom
- 140dB WDR
- Smart Tracking
- Smart Detection
- 200m IR distance
- Hi-PoE / 24VAC power supply
- Vandal proof (IK10)

Dimensions



Accessories



Available models

DS-2DF8236IV-AEL
Hi-PoE / 24VAC, outdoor, low temperature

	DS-2DF8236IV-AEL
Camera Module	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	F1.6, AGC On: Color : 0.05 lux , B/W : 0.01 lux, 0 lux with IR
Max. Image Resolution	1920×1080
Focal Length	4.5-162mm, 36x
Digital Zoom	16X
Zoom Speed	Approx.3.3s(Optical Wide-Tele)
Angle of View	60.6-3.68 degree (Wide-Tele)
Min. Working Distance	10-1500mm(Wide-Tele)
Aperture Range	F1.6-F4.4
Focus Mode	Auto / Semiautomatic / Manual
WDR	140dB
S / N Ratio	≥ 55dB
Shutter Time	50Hz: 1~1/30,000s; 60Hz: 1~1/30,000s
AGC	Auto / Manual
White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
Day & Night	IR Cut Filter
Privacy Mask	8 privacy masks programmable; optional multiple colors
Enhancement	3D DNR, Defog, HLC/BLC, SVC
Pan and Tilt	
Range	Pan:360° endless; Tilt: -20°~90°(Auto Flip)
Speed	Pan Manual Speed: 0.1°~160°/s, Pan Preset Speed: 240°/s Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: 200°/s
Number of Preset	300
Patrol	16 patrols, up to 32 presets per patrol
Pattern	10 patterns, with the recording time not less than 10 minutes per pattern
Park Action	Preset / Patrol / Pattern / Auto scan / Tilt scan / Random scan / Frame scan / Panorama scan
Scheduled Task	Preset / Patrol / Pattern / Auto scan / Tilt scan / Random scan / Frame scan / Panorama scan/Dome reboot/Dome adjust/Aux output
Smart Features	
Smart tracking	Manual/ Panorama/ Intrusion trigger/ Line crossing trigger / Region entrance trigger / Region exiting trigger
Smart detection	Face detection, intrusion detection, line crossing detection, audio exception detection, region entrance, region exiting
ROI encoding	Support 24 areas with adjustable levels
Infrared	
IR Distance	Up to 200m
IR Intensity	Automatically adjusted, depending on the zoom ratio
Alarm	
Alarm I/O	7/2
Alarm Trigger	Face detection, Intrusion detection, Line crossing detection, Region entrance, Region exiting, Audio exception detection, Motion detection, Audio Exception Detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Alarm Action	Preset, Patrol, Pattern, Micro SD/SDHC card recording, Relay output, Notification on Client
Input/Output	
Monitor Output	1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC
Audio Input	1 Mic in/Line in interface, line input: 2-2.4V[p-p]; output impedance: 1KΩ, ±10%
Audio Output	1 Audio output interface, line level, impedance: 600Ω
Network	
Ethernet	10Base-T / 100Base-TX, RJ45 connector
Main Stream	50Hz: 25fps(1920×1080, 1280×960, 1280×720); 60Hz: 30fps(1920×1080, 1280×960, 1280×720)
Sub Stream	50Hz: 25fps(704×576, 352×288, 176×144); 60Hz: 30fps(704×480, 352×240, 176×120)
Third Stream	50Hz: 25fps(1920×1080, 1280×960, 1280×720, 704×576, 352×288, 176×144) 60Hz: 30fps(1920×1080, 1280×960, 1280×720, 704×480, 352×240, 176×120)
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Power	Hi-PoE&24 VAC, Max.60W
Working Temperature	-40℃ ~ 65℃ (-40°F ~ 149°F)
Humidity	90% or less
Protection Level	IP66, IK10, TVS 6,000V lightning protection, surge protection and voltage transient protection
Certification	FCC, CE, UL, RoHS, IEC/EN 61000, IEC/EN 55022, IEC/EN 55024, IEC /EN60950-1
Dimensions	Φ266.6(mm)×365.2(mm)
Weight (approx.)	8kg



Hikvision USA

Tel: +1-909-895-0400

Email: sales@hikvisionusa.com

Hikvision Europe

Tel: +31-23-5542770

Email: saleseuro@hikvision.com

Hikvision Middle East

Tel: +971-4-8816086

Email: salesme@hikvision.com

Hikvision Russia

Tel: +7-812-313-19-63

Email: salesru@hikvision.com

Hikvision India

Tel: +91-22-28469900

Email: sales@pramahikvision.com

Hikvision Italy

Tel: +39-0438-6902

Email: info.it@hikvision.com

Hikvision France

Tel: +33(0)1-85-330-450

Email: info.fr@hikvision.com

Hikvision Spain

Tel: +34-91-737-16-55

Email: info.es@hikvision.com

Hikvision Poland

Tel: +48-22-460-01-50

Email: poland@hikvision.com

Hikvision UK

Tel: +44-1628-9021-40

Email: support.uk@hikvision.com

Hikvision Singapore

Tel: +65-6684-4718

Email: sg@hikvision.com

Hikvision Oceania

Tel: +61-2-8599-4233

Email: salesau@hikvision.com

Hikvision Hong Kong

Tel: +852-2151-1761

Email: sales@hikvision.com



Headquarters

No.555 Qianmo Road, Binjiang District, Hangzhou, China

Tel: +86-571-8807-5998 Fax: +86-571-8993-5635

Email: overseasbusiness@hikvision.com

Technical Support: support@hikvision.com