

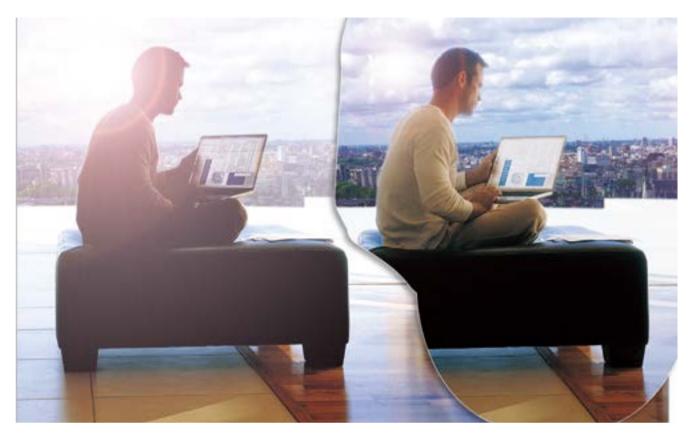






A FIGHTER KEEPS STRONG LIGHT AWAY!

www.hikvision.com



Hikvision is set to reach new heights in extremely high contrast imaging with the LightFighter series of 2MP SMART IP cameras. These cameras incorporate Hikvision's ultra-high 140 dB WDR technology for exceptional, industry-leading visibility in brightly lit or high contrast environments. The result of this cutting-edge advance is crystal-clear, detail-rich images with true color reproduction in lighting conditions that would defeat conventional WDR cameras.

KEY FEATURES

140dB WDR Technology

The key to the performance of the LightFighter cameras is the industry-leading WDR system that allows the camera to record greater scene details even where the intensity of illumination varies considerably, such as backlighting when very dark and very bright areas appear simultaneously in the field of view. The 140 dB WDR in the LightFighter offers 100 times more powerful enhancement than the 120 dB WDR systems of conventional cameras. LightFighter is particularly suited to intense backlight situations, and is the ideal camera to point towards windows and entrance doors.



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



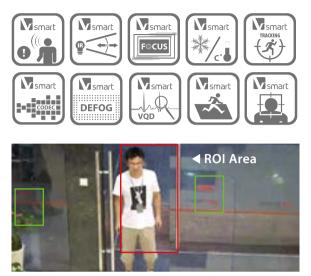
Hikvision LightFighter camera



Conventional camera

Smart Feature-Set

The LightFighter series is engineered with the full range of smart features –intrusion detection, face recognition, line crossing detection, audio exception, smart tracking, defog ability and electronic image stabilization.



Efficient bandwidth consuming with smart codec





Up to 8~32mm motorized vari-focal lens with smart focus

SMART CODEC

H.264+ Optimized Compression

An efficient way to benefit manage super high resolution video footage



In a static nighttime environment, the bitrate of H.264+ can reach up to 50~60Kbps, 10~20x over standard H.264 codec, that not only saves bandwidth rresources, but efficiently decreases storage requirements.

- more encoding improvement
- more transmission efficiency
- more storage saving

The moving target is extracted from the static background, using a different codec for each element.

- Background-based Predictive Smart Encoding
- Enhanced Noise Suppression
- Optimized Bitrate Control in Long-term Period

Complete Product Offering

The LightFighter series consists of 2MP cameras including Smart IP box cameras, outdoor bullet cameras, outdoor dome cameras, and IP PTZ dome cameras with 36X zoom.

HIKVISION



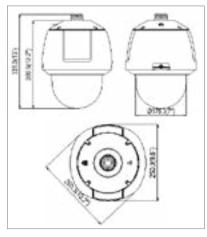




Key Features

- 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)

Dimension (unit: mm)



Accessories





1602ZJ-Corner

DS-1602ZJ





1602ZJ-Pole

Order Models

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

1602ZJ-Box

DS-2DF6236V-AEL 2MP 36X Network PTZ Dome Camera



Camera Module Image Sensor	1/2.8" 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)
	10-1500mm(Wide-Tele)
Aperture Range Focus Mode	F1.6~F4.4
WDR	Auto / Semiautomatic / Manual 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	24 privacy masks programmable
Enhancement	3D DNR, Defog, HLC/BLC, SVC
Pan and Tilt	
Range	Pan:360° endless; Tilt: -15°~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 scar Preset / Patrol / Pattern / Auto scan / Tilt scan / Random scan / Frame scan / Panorama
Scheduled Task	preset / Patrol / Pattern / Auto scan / Tilt scan / Random scan / Frame scan / Panorama scan/Dome reboot/Dome adjust/Aux output
Smart Features	Scall/ Dome Teboot/ Dome aujust/ Aux output
Siliait i catules	Manual/ Panorama/ Intrusion trigger/ Line crossing trigger/ Region entrance trigger/ Region
Smart tracking	exiting trigger/Smart tracking when patrol between multiple scenarios
· · · · · ·	Face detection, intrusion detection, line crossing detection, audio exception detection, region
Smart detection	entrance, region exiting
ROI encoding	Support 6 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
AL A. L.	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: 6000
Network	I Addo odtpdt interface, tine tevet, impedance. obob
Ethernet	10Base-T / 100Base-TX, RJ45 connector
Luiomot	50Hz: 25fps(1920×1080), 25fps (1280×960) / 50fps(1920×1080), 50fps(1280×960),
Main Stream	50fps(1280×720) 60Hz: 30fps(1920×1080), 30fps (1280×960) / 60fps(1920×1080), 60fps(1280×960),
	60fps(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)
minu Stream	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, UDF IGMP, ICMP, DHCP, PPPoE
Simultaneous Live	Up to 20 users
View	
Mini SD Memory Card	Manual REC / Alarm REC. Built-in Micro SD/SDHC/SDXC card Slot, up to 646B. Edge recording
User/Host Level	Up to 32 users,3 Levels: Administrator, Operator and User User authentication (ID and PW); Host authentication (MAC address); IP address filtering
Socurity Moocuree	joser aumentication (ib and PW); nost authentication (MAC address); IP address fillering
System Integration	
System Integration Application	Open-ended API, support ONVIF(Profile G), PSIA and CGI, Genetec
System Integration Application programming	Open-ended API, support ONVIF(Profile G), PSIA and CGI, Genetec
System Integration Application programming Web Browser	Open-ended API, support ONVIF(Profile G), PSIA and CGI, Genetec IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language
System Integration Application programming Web Browser RS-485 Protocols	Open-ended API, support ONVIF(Profile G), PSIA and CGI, Genetec IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language HIKVISION, Pelco-P, Pelco-D, self-adaptive
System Integration Application programming Web Browser RS-485 Protocols Power	Open-ended API, support ONVIF(Profile G), PSIA and CGI, Genetec IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language
System Integration Application programming Web Browser RS-485 Protocols Power Working Temperature	Open-ended API, support ONVIF(Profile G), PSIA and CGI, Genetec IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language HIKVISION, Pelco-P, Pelco-D, self-adaptive Hi-PoES24 VAC, Max.60W
System Integration Application programming Web Browser RS-485 Protocols Power Working Temperature Humidity	Open-ended API, support ONVIF(Profile G), PSIA and CGI, Genetec IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language HIKVISION, Pelco-P, Pelco-D, self-adaptive Hi-PoE&24 VAC, Max.60W -40°C ~ 65°C (-40°F ~ 149°F)
Security Measures System Integration Application programming Web Browser RS-485 Protocols Power Working Temperature Humidity Protection Level Certification	Open-ended API, support ONVIF(Profile G), PSIA and CGI, Genetec IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language HIKVISION, Pelco-D, self-adaptive HIKVISION, Pelco-D, self-adaptive HI-PoES24 VAC, Max.60W -40°C ~ 65°C [-40°F ~ 149°F] 90% or less IP66, IK10, TVS 4,000V lightning protection, surge protection and voltage transient protection FCC, CE, UL, RoHS, IEC/EN 61000, IEC/EN 55022, IEC/EN 55024, IEC /EN60950-1
System Integration Application programming Web Browser RS-485 Protocols Power Working Temperature Humidity Protection Level	Open-ended API, support ONVIF(Profile G), PSIA and CGI, Genetec IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language HIKVISION, Pelco-P, Pelco-D, self-adaptive Hi-PoES24 VAC, Max.60W -40°C ~ 65°C [-40°F ~ 149°F] 90% or less IP66, IK10, TVS 4,000V lightning protection, surge protection and voltage transient protection



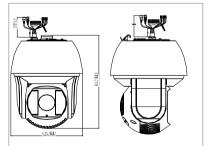




Key Features

- 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)

Dimension (unit: mm)



Accessories







Order Models

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

DS-2DF8236IV-AEL 2MP 36X Network IR PTZ Dome Camera



mage 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)
Anale of View	60.6-3.68 degree (Wide-Tele)
Min. Working Distance	10-1500mm(Wide-Tele)
<u>v</u>	F1.6-F4.4
Aperture Range	
ocus Mode	Auto / Semiautomatic / Manual
NDR	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)
unge	Pan Manual Speed: 0.1°-160°/s, Pan Preset Speed: 240°/s
Speed	
	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
Scheduleu Task	scan/Dome reboot/Dome adjust/Aux output
Smart Features	
Smort trooking	Manual/ Panorama/ Intrusion trigger/ Line crossing trigger / Region entrance trigger / Region
Smart tracking	exiting trigger
	Face detection, intrusion detection, line crossing detection, audio exception detection,
Smart detection	region entrance, region exiting
ROI encoding	Support 24 areas with adjustable levels
nfrared	
R Distance	Up to 200m
R Intensity	Automatically adjusted, depending on the zoom ratio
Alarm	Ratomatically aujusted, depending on the 200m ratio
Alarm I/O	
AldIIIII/U	7/2
Ale	Face detection, Intrusion detection, Line crossing detection, Region entrance, Region
Alarm Trigger	exiting, Audio exception detection, Motion detection, Audio Exception Detection, Dynamic
A. 1. A. 1.	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
nput/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
Vetwork	
Ethernet	10Base-T / 100Base-TX, RJ45 connector
	50Hz: 25fps(1920×1080, 1280×960, 1280×720); 60Hz: 30fps(1920×1080, 1280×960,
Main Stream	1280×720]
Sub Stream	50Hz: 25fps(704×576, 352×288, 176×144); 60Hz: 30fps(704×480, 352×240, 176×120)
	50Hz: 251ps(104×576, 352×288, 176×144); 60Hz: 501ps(704×480, 352×240, 176×120) 50Hz: 25fps(1920×1080, 1280×960, 1280×720, 704×576, 352×288, 176×144)
Third Stream	
maga Comprosition	60Hz: 30fps(1920×1080, 1280×960, 1280×720, 704×480, 352×240, 176×120)
mage 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	
Mini SD Memory Card	Manual REC / Alarm REC. Built-in Micro SD/SDHC/SDXC card Slot, up to 64GB. Edge recording
Jser/Host Level	Up to 32 users,3 Levels: Administrator, Operator and User
	User authentication (ID and PW); Host authentication (MAC address); IP address filtering
Security Measures	addition double (ib and i m), noor addition (into additioo), in additioo intornig
System Integration	
System Integration Application	Open-ended API, support ONVIF, PSIA and CGI, Genetec
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System Integration Application programming Web Browser	Open-ended API, support ONVIF, PSIA and CGI, Genetec IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language
System Integration Application brogramming Web Browser RS-485 Protocols	Open-ended API, support ONVIF, PSIA and CGI, Genetec IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language HIKVISION, Pelco-P, Pelco-D, self-adaptive
System Integration Application Drogramming Neb Browser RS-485 Protocols Power	Open-ended API, support ONVIF, PSIA and CGI, Genetec IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language HIKVISION, Pelco-P, Pelco-D, self-adaptive HI-PoES24 VAC, Max.60W
System Integration Application orogramming Web Browser RS-485 Protocols Ower Norking Temperature	Open-ended API, support ONVIF, PSIA and CGI, Genetec IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language HIKVISION, Pelco-P, Pelco-D, self-adaptive HI-PoE824 VAC, Max.60W -40°C ~ 65°C [-40°F ~ 149°F]
System Integration Application orogramming Neb Browser RS-485 Protocols Power Ooker Vorking Temperature Humidity	Open-ended API, support ONVIF, PSIA and CGI, Genetec IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language HIKVISION, Pelco-P, Pelco-D, self-adaptive HI-PDES24 VAC, Max.60W -40°C ~ 65°C [-40°F - 149°F] 90% or less
System Integration Application orogramming Web Browser RS-485 Protocols Ower Norking Temperature	Open-ended API, support ONVIF, PSIA and CGI, Genetec IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language HIKVISION, Pelco-P, Pelco-D, self-adaptive Hi-PoES24 VAC, Max.60W -40°C ~ 65°C (-40°F - 149°F) 90% or less IP66, IK10, TVS 6,000V lightning protection, surge protection and voltage transient protectio
System Integration Application orogramming Neb Browser &S-485 Protocols Power Porking Temperature Humidity	Open-ended API, support ONVIF, PSIA and CGI, Genetec IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language HIKVISION, Pelco-P, Pelco-D, self-adaptive HI-PDES24 VAC, Max.60W -40°C ~ 65°C [-40°F - 149°F] 90% or less

HIKVISION

LIGHTFIGHTER



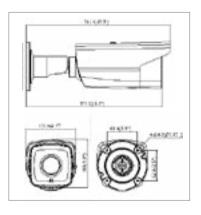




Key Features

- 1/2.8" Progressive Scan CMOS
- 1080p @ 60fps frame rate
- High light environment
- Slow shutter
- 140dB WDR
- 3D DNR
- -H: smart heater
- -S: Audio/Alarm IO
- Support 128G on-board storage
- DC12V/PoE(802.3at)

Dimension (unit: mm)



Order Models

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

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

2MP Smart IP Outdoor Bullet Camera

Camera Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	0.005 Lux @ (F1.2, AGC 0N), 0 lux with IR 0.007 Lux @ (F1.4, AGC 0N), 0 lux with IR
Shutter Speed	1 s to 1/100,000 s
Slow Shutter	Support
ens	2.8-12mm @ F1.4 angle of view: 113°~33.8°; 8-32mm @ F1.4 angle of view: 31.2°~10.2
ens Mount	AF automatic focusing and motorized zoom lens
Auto-iris	DC drive
Day & Night WDR	IR Cut Filter with auto switch 140dB
Compression standard	14000
/ideo Compression	H.264/ MJPEG
Н.264 Туре	Baseline Profile / Main Profile / High Profile
/ideo Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate mage	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
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: 20fps(1280x720) ; 60Hz: 30fps (1920 × 1080)
mage Enhancement	BLC/HLC/3D DNR/ROI/Defog
mage Setting	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
Distortion Correction	Support
Regional Cropping	Support
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128x128 24bit bmp format
Vetwork Vetwork Storage	NAS (Support NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, 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(PROFILE S,PROFILE G),PSIA,CGI,ISAPI
nterface	
Audio (-S) Communication Interface	1-ch 3.5 mm audio in (Mic in/Line in)/out interface 1 RJ45 10M/100M/1000M Ethernet port
Alarm (-S)	1 input, 1 output (up to DC24V 1A or AC110V 500mA)
/ideo Output (-S)	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
Audio (-S)	Querent
Environment Noise Filtering Audio I/O	Support Support dual audio track, stereo
Audio Sampling Rate	16kHz / 32kHz / 44.1kHz / 48kHz
Smart Feature-set	
Behavior Analysis	Line crossing detection, Intrusion detection, Region entrance, Region exiting, Unattended baggage, Object removal
Line Crossing Detection	Cross a pre-defined virtual line
ntrusion Detection	Enter and loiter in a pre-defined virtual region
Region Entrance	Enter a pre-defined virtual region from the outside place
Region Exiting Jnattended Baggage	Exit from a pre-defined virtual region Objects left over in the pre-defined region such as the baggage, purse, dangerous materials
Dbject Removal	materials Objects removed from the pre-defined region, such as the exhibits on display.
Exception Detections	Scene change detection, Sudden audio increase/decrease detection, Audio loss detection, Defocus detection
Recognition	Face detection recognition
Statistics	Object Counting (Entrance and Exit object number is accounted and showed on screen
General	in real time)
Protection Level	IP67
R Distance	50m(2.8~12mm)/100m(8~32mm)
)perating Conditions	-30 °C - 60 °C (-22 °F - 140 °F), Humidity 95% or less (non-condensing), -H: -40 °C - 60 °C
Dewer Supply	12 V DC ± 10%, PoE (802.3at)
LOWEL 20001V	
	Max. 12W, -H: 18W Max
Power Supply Power Consumption Dimensions	Max. 12W, -H: 18W Max 100×103.9×311.8mm (3.94" × 4.09" × 12.28") 2000 g (4.41 lbs)



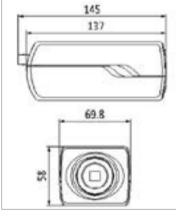




Key Features

- 1/2.8" Progressive Scan CMOS
- 1080p @ 60fps frame rate
- High light environment
- Slow shutter
- 140dB WDR
- 3D DNR
- -A: Auto Back Focus
- -P: P-Iris
- Audio/Alarm IO
- Support 128G on-board storage
- DC12V/AC24V/PoE(802.3af)

Dimension (unit: mm)



Order Models

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

DS-2CD4025FWD -(A)(P) 2MP Smart IP Box Camera



Camera Image Sensor	1/2.8" 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
Wide Dynamic Range	140dB
Focus	-A: support ABF
Compression standard	
Video Compression	H.264+/H.264/MJPEG
Н.264 Туре	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(6.711) / 16Kbps(6.722.1) / 16Kbps(6.726) / 32-128Kbps(MP2L2)
Image	1000
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 50/60Hz: 20fps(1280 × 720)
Image Enhancement	BLC/HLC/3D DNR/R0I/Defog
Image Setting	Rotate Mode, Saturation, Brightness, Contrast adjustable by client software or web
inage setting	browser
Regional Cropping	Support
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128x128 24bit bmp format
Network	
Network Storage	NAS (Support NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP,UDP, 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(PROFILE S, PROFILE G), PSIA, CGI, ISAPI
Interface	
Audio	1-ch 3.5 mm audio in (Mic in/Line in)/out interface, 1 build-in Microphone
Communication Interface	1 RJ45 10M/100M/1000M Ethernet port, 1 RS-485 interface and 1 RS-232 interface
Alarm	1 input, 1 output (up to DC24V 1A or AC110V 500mA)
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
Audio	
Environment Noise Filtering	Support
Audio I/O	Support dual audio track, stereo
Audio Sampling Rate	16kHz / 32kHz / 44.1kHz / 48kHz
Smart Feature-set	
Behavior Analysis	Line crossing detection, Intrusion detection, Region entrance, Region exiting, Unattended baggage, Object removal
Line Crossing Detection	Cross a pre-defined virtual line
Intrusion Detection	Enter and loiter in a pre-defined virtual region
Region Entrance	Enter a pre-defined virtual region from the outside place
Region Exiting	Exit from a pre-defined virtual region
Unattended Baggage	Objects left over in the pre-defined region such as the baggage, purse, dangerous materials
Object Removal	Objects removed from the pre-defined region, such as the exhibits on display.
Exception Detections	Scene change detection, Sudden audio increase/decrease detection, Audio loss detection, Defocus detection
Recognition	Face detection recognition
Statistics	Object Counting (Entrance and Exit object number is accounted and showed on screer in real time)
Ganaral	
General	$70 \circ C$ $60 \circ C$ ($22 \circ E$ $1/(0 \circ E)$ Humidity $0 \in 0$ or loss (see condensing)
Operating Conditions	-30 °C - 60 °C (-22 °F - 140 °F), Humidity 95% or less (non-condensing) 24 V AC ± 10%, 12 V DC ± 10%, PoE (802.3af)
Power Supply	
Power Consumption	Max. 6 W (Max. 9W with IR cut filter on)
Dimensions	69.8×58×145 mm (2.75" × 2.28" × 5.71")

HIKVISION

LIGHTFIGHTER



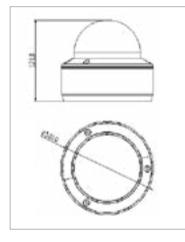




Key Features

- 1/2.8" Progressive Scan CMOS
- 1080p @ 60fps frame rate
- High light environment
- Slow shutter
- 140dB WDR
- 3D DNR
- Audio/Alarm IO
- Support 128G on-board storage
- DC12V/PoE(802.3af)

Dimension (unit: mm)



Order Models

DS-2CD4125FWD-IZ

2MP Smart IP Indoor Dome Camera

Camera Image Sensor	1/2.8" Progressive Scan CMOS
0	0.005 Lux @ (F1.2, AGC ON), 0 lux with IR
Min. Illumination	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	
Angle Adjustment Auto-iris	Pan:0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355° 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/MJPEG
Н.264 Туре	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
	50Hz: 50fps (1920 × 1080) /(1280 × 960)/(1280 × 720)
Frame Rate	60Hz: 60fps (1920 × 1080) /(1280 × 960)/(1280 × 720)
Third Stream	Independent with Main Stream and Sub Stream, up to
miru stream	50/60Hz: 20fps(1280 × 720)
Image Enhancement	BLC/HLC/3D DNR/ROI/Defog
Image Setting	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software
	or web browser
Distortion Correction Regional Cropping	Support Support
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128x128 24bit bmp format
Network	Looo picture can be overtaid on video with 120x120 24bit binp format
Network Storage	NAS (Support NFS,SMB/CIFS), ANR
Q	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage
Alarm Trigger	exception
Protocols	TCP/IP, UDP, 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(PROFILE S,PROFILE G),PSIA,CGI,ISAPI
Interface Audio	1-ch 3.5 mm audio in (Mic in/Line in)/out interface
Communication Interface	1 RJ45 10M/100M/1000M Ethernet port, 1 RS-485 interface
Alarm	1 input, 1 output (up to DC24V 1A or AC110V 500mA)
Video Output	$1V_{p-p}$ composite output (75 Ω /BNC)
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
Audio	
Environment Noise Filtering	Support
Audio I/O	Support dual audio track, stereo
Audio Sampling Rate	16kHz / 32kHz / 44.1kHz / 48kHz
Smart Feature-set	Line grapping detection Intrusion detection Decise entrance Decise eviting
Behavior Analysis	Line crossing detection, Intrusion detection, Region entrance, Region exiting, Unattended baggage, Object removal
Line Crossing Detection	Cross a pre-defined virtual line
Intrusion Detection	Enter and loiter in a pre-defined virtual region
Region Entrance	Enter a pre-defined virtual region from the outside place
Region Exiting	Exit from a pre-defined virtual region
Unattended Baggage	Objects left over in the pre-defined region such as the baggage, purse, dangerous
	materials
Object Removal	Objects removed from the pre-defined region, such as the exhibits on display.
Exception Detections	Scene change detection, Sudden audio increase/decrease detection, Audio loss detection, Defocus detection
Recognition	Face detection recognition
0	Object Counting (Entrance and Exit object number is accounted and showed on screen
Statistics	in real time)
General	
Impact Protection	IK10
IR Distance	30m
Operating Conditions	-30 °C - 60 °C (-22 °F - 140 °F), Humidity 95% or less (non-condensing)
Power Supply	12 V DC ± 10%, PoE (802.3af)
Power Consumption	Max. 6 W (Max. 9W, IR: 2W, motorized VF lens: 1W)
Discontinue	
Dimensions Weight	0 140 × 121.8 mm (0 5.51" × 4.80") 1400 g (3.09 lbs)



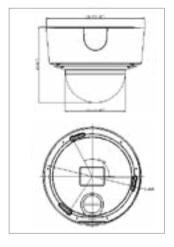




Key Features

- 1/2.8" Progressive Scan CMOS
- 1080p @ 60fps frame rate
- High light environment
- Slow shutter
- 140dB WDR
- 3D DNR
- -H: smart heater
- Support 128G on-board storage
- DC12V/AC24V/PoE

Dimension (unit: mm)



Order Models

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

DS-2CD4525FWD-IZ(H) 2MP Smart IP Outdoor Dome Camera



Camera	1/0.0" Prograadius Coop CM0C
Image Sensor	1/2.8" Progressive Scan CMOS 0.005 Lux @ (F1.2, AGC ON), 0 lux with IR
Min. Illumination	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°. 8-32mm @ F1.4, angle of view: 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
WDR	140dB
Compression standard	
Video Compression	H.264+/H.264/MJPEG
Н.264 Туре	Baseline Profile / Main Profile / High Profile
Video Bit Rate Audio Compression	32 Kbps - 16 Mbps G.711/G.722.1/G.726/MP2L2
Audio Compression Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	04Kbp3(0.711) / 10Kbp3(0.722.1) / 10Kbp3(0.720) / 32-120Kbp3(Hi 202)
Max. Resolution	1920 × 1080
Frame Rate	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
Imaga Enhancomont	50/60Hz: 20fps(1280 x 720) BLC/HLC/3D DNR/ROI/Defog
Image Enhancement	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client
Image Setting	software or web browser
Distortion Correction	Support
Regional Cropping	Support
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128x128 24bit bmp format
Network	
Network Storage	NAS (Support NFS,SMB/CIFS), ANR Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage
Alarm Trigger	exception
Protocols	TCP/IP, UDP, 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 Interface	ONVIF(PROFILE S,PROFILE G),PSIA,CGI,ISAPI
Audio	1-ch audio in (Mic in/Line in)/out interface
Communication Interface	1 RJ45 10M/100M Ethernet port, 1 RS-485 interface
Alarm	1 input, 1 output (up to DC24V 1A or AC110V 500mA)
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
Audio	0
Environment Noise Filtering Audio I/O	Support
Audio Sampling Rate	Support dual audio track, stereo 16kHz / 32kHz / 44.1kHz / 48kHz
Smart Feature-set	
Behavior Analysis	Line crossing detection, Intrusion detection, Region entrance, Region exiting,
	Unattended baggage, Object removal
Line Crossing Detection	Cross a pre-defined virtual line Enter and loiter in a pre-defined virtual region
Intrusion Detection Region Entrance	Enter and totter in a pre-defined virtual region Enter a pre-defined virtual region from the outside place
Region Exiting	Exit from a pre-defined virtual region
Unattended Baggage	Objects left over in the pre-defined region such as the baggage, purse, dangerous
Object Removal	materials Objects removed from the pre-defined region, such as the exhibits on display.
Exception Detections	Scene change detection, Sudden audio increase/decrease detection, Audio loss
Recognition	detection, Defocus detection Face detection recognition
Statistics	Object Counting (Entrance and Exit object number is accounted and showed on screer
General	in real time)
Protection Level	IP66
Impact Protection	IF 00
IR Distance	40m(2.8~12mm)/50m(8~32mm)
Operating Conditions	-30 °C - 60 °C (-22 °F - 140 °F), Humidity 95% or less (non-condensing), -H: -40 °C - 60 °C
Power Supply	DC12V/AC24V/PoE(802.3af), -H: DC12V/AC24V/PoE(802.3at)
Power Supply Power Consumption Dimensions	DC12V/AC24V/PoE(802.3af), -H: DC12V/AC24V/PoE(802.3at) Max. 12 W (Max. 17 W with heater on) 0164.9 × 127 mm(06.49" ×5")

LIGHTFIGHTER



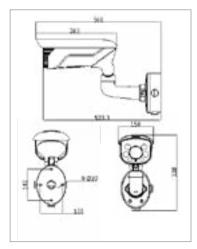




Key Features

- 1/2.8" Progressive Scan CMOS
- 1080p @ 60fps frame rate
- High light environment
- Slow shutter
- 140dB WDR
- 3D DNR
- -S: Audio/Alarm IO
- -H: Build-in Heater
- Support 128G on-board storage
- AC24V/PoE(802.3at)

Dimension (unit: mm)



Order Models

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

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

2MP Smart IP Vandal-proof Bullet Camera

Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	0.005 Lux @ (F1.2, AGC ON), 0 lux with IR
Shutter Speed	0.007 Lux @ (F1.4, AGC ON), 0 lux with IR 1 s to 1/100.000 s
Slow Shutter	Support
ens	2.8-12mm @ F1.4, angle of view: 113-33.8°; 8-32mm @ F1.4, angle of view: 31.2-10.2°
ens Mount	AF automatic focusing and motorized zoom lens
Nuto-iris	DC drive
Jay & Night	IR Cut Filter with auto switch
VDR	140dB
Compression standard	
/ideo Compression	H.264+/H.264/MJPEG
I.264 Type	Baseline Profile / Main Profile / High Profile
'ideo Bit Rate	32 Kbps – 16 Mbps
udio Compression	G.711/G.722.1/G.726/MP2L2
udio Bit Rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
nage	
1ax. Resolution	1920 × 1080
lain Stream	50Hz: 50fps (1920 × 1080) /(1280 × 960)/(1280 × 720)
	60Hz: 60fps (1920 × 1080) /(1280 × 960)/(1280 × 720)
hird Stream	Independent with Main Stream and Sub Stream, up to
nage Enhancement	50/60Hz: 20fps(1280 × 720) BLC/HLC/3D DNR/R0I/Defog
naye Ennancement	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software of
mage Setting	web browser
istortion Correction	Support
legional Cropping	Support
ay/Night Switch	Auto/Schedule/Triggered by Alarm In
icture Overlay	LOGO picture can be overlaid on video with 128x128 24bit bmp format
letwork	
letwork Storage	NAS (Support NFS, SMB/CIFS), ANR
larm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
00	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPnP,
rotocols	SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
ecurity	User Authentication, Watermark, IP address filtering, Anonymous access
itandard	ONVIF(PROFILE S, PROFILE G), PSIA, CGI, ISAPI
communication Interface	1 RJ45 10M/1000M Ethernet interface
nterface	
ludio (-S)	1-ch 3.5 mm audio in (Mic in/Line in)/out interface
Communication Interface	1 RJ45 10M/1000M Ethernet port, 1 RS 485 interface (-S)
larm (-S)	1 input, 1 output (up to DC24V 1A or AC110V 500mA)
In-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
eset Button	Yes
Audio (-S)	1
nvironment Noise	Support
iltering Audio I/O	Support dual audia traak, ataraa
Audio Sampling Rate	Support dual audio track, stereo 16kHz / 32kHz / 44.1kHz / 48kHz
udio (-S)	
	Line crossing detection, Intrusion detection, Region entrance, Region exiting, Unattende
ehavior Analysis	baggage, Object removal
ine Crossing Detection	Cross a pre-defined virtual line
ntrusion Detection	Enter and loiter in a pre-defined virtual region
legion Entrance	Enter a pre-defined virtual region from the outside place
egion Exiting	Exit from a pre-defined virtual region
Inattended Baggage	Objects left over in the pre-defined region such as the baggage, purse, dangerous
Ibject Removal	materials Objects removed from the pre-defined region, such as the exhibits on display.
Exception Detections	Scene change detection, Sudden audio increase/decrease detection, Audio loss detection,
Recognition	Defocus detection Face detection recognition
tatistics	Object Counting (Entrance and Exit object number is accounted and showed on screen ir
	real time)
ieneral	
Protection Level	IP66
npact Protection	
R Distance	70m(2.8~12mm)/150m(8~32mm)
perating 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)
Power Consumption	Max. 24 W
)imensions	158×338×560 mm (6.22" ×13.31 " × 22.05")
Veight	6200 g (13.67 lbs)



LIGHTFIGHTER **NETWORK CAMERAS**



Distributed by

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