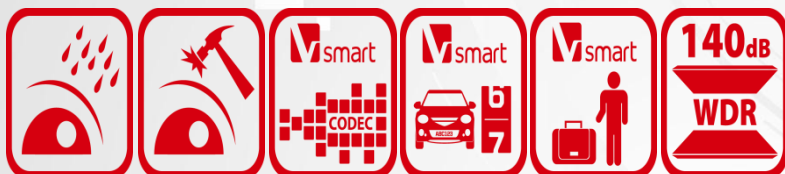


## DS-2CD4525FWD-IZ(H) 2MP Smart IP Outdoor Dome Camera

**LIGHTFIGHTER**



The Lightfighter series Smart cameras are able to capture high quality colored images in back light environment. DS-2CD4525FWD offers Full HD resolution with up to 60fps high frame rate, 140dB WDR, PoE, Defog, 3D DNR and complete Smart Feature-set to meet a wide variety of applications.

### smart IPC

DS-2CD4525FWD-IZ(H) is Hikvision Smart IPC and features complete Smart functions including:

#### **Smart Detection**

Intrusion Detection, Line Crossing Detection, Object Left/Removal, Area Entering/Leaving, Scene Change Detection, Audio Surge Detection, Audio Loss Detection, Defocus Detection, Face Detection, Object Counting, etc.

#### **Smart Codec**

Smart Recording with dual-VCA, Low Bitrate, Low Latency, ROI enhancement, Multi-stream, Rotate Mode, Edge Recording, etc.

#### **Smart Image Control**

Support distortion correction

- 1/2.8" Progressive Scan CMOS
- Full HD1080p video
- Up to 60fps frame rate
- High light environment
- Slow shutter
- 140dB WDR
- 3D DNR
- -H: smart heater
- Support 64G on-board storage
- DC12V/AC24V/PoE



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

**LIGHTFIGHTER**

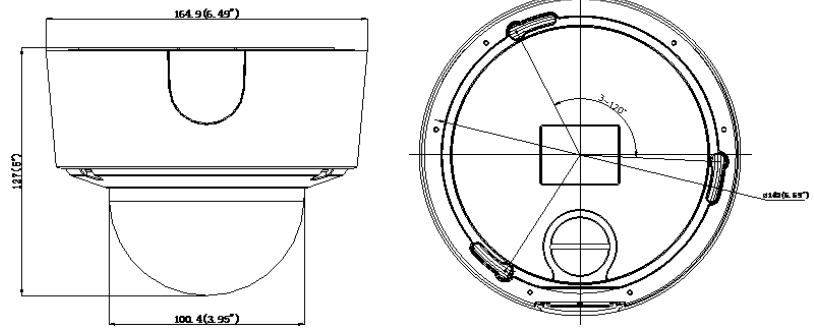


## Specification



<b>Camera</b>	
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	1s ~ 1/100,000s
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
<b>Compression Standard</b>	
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)
<b>Image</b>	
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 50Hz: 25fps(1920 × 1080); 60Hz: 30fps (1920 × 1080)
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	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
<b>Network</b>	
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
<b>Interface</b>	
Audio	1-ch 3.5 mm 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 64 GB
Reset Button	Yes

## Dimensions



### 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 screen in real time)

### General

Protection Level	IP66
Impact Protection	IK10
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 Consumption	Max. 12 W (Max. 17 W with heater on)
Dimensions	Φ164.9 × 127 mm(Φ6.49" × 5")
Weight	2100 g (4.63 lbs)

### Order Models

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

## Accessories



DS-1280ZJ-DM26  
Junction Mount



DS-1281ZJ-DM26  
Inclined ceiling Mount



DS-1273ZJ-DM26  
Wall Mount



DS-1273ZJ-DM26-B  
Wall mount with  
junction box



DS-1271ZJ-DM26  
Pendant Mount