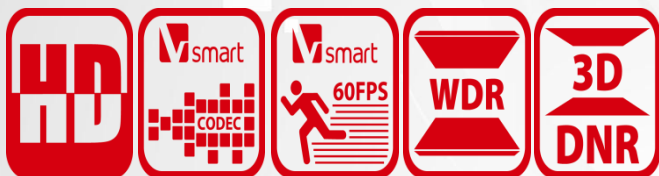


DS-2CD4126FWD-IZ 2MP Low Light Smart Camera

DARKFIGHTER



The Darkfighter series ultra-low light Smart cameras are able to capture high quality colored images in dim light environment.

DS-2CD4126FWD-IZ offers Full HD resolution with up to 60fps high frame rate, 120dB WDR, PoE, Defog, 3D DNR and complete Smart Feature-set to meet a wide variety of applications.

smart IPC

DS-2CD4126FWD-IZ 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

- 1/1.8" Progressive Scan CMOS
- Full HD1080p video
- Up to 60fps frame rate
- Ultra-low light
- Slow shutter
- 120dB WDR
- 3D DNR
- Up to 30m IR range
- Motorized lens with Smart Focus
- Audio/Alarm IO
- Support 64G on-board storage
- DC12V/PoE



DS-2CD4126FWD-IZ 2MP Low Light Smart Camera

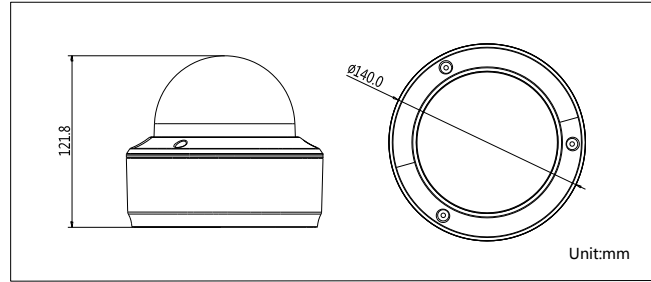
DARKFIGHTER

Specification



Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	0.002 Lux @ (F1.2, AGC ON), 0.0027 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: 92°~32°
Lens Mount	Φ 14
Angle Adjustment	Pan: 0° ~355° , tilt: 0° ~75° , rotation: 0° ~355°
Auto-iris	DC drive
Day & Night	IR Cut Filter
WDR	120dB
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
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/EIS
Image Setting	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
Regional Cropping	Support
Distortion Correction	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
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

Impact Protection	IK10
Operating Conditions	-30°C – 60 °C (-22 °F – 140 °F), Humidity 95% or less (non-condensing)
Power Supply	12 V DC \pm 10%, PoE (802.3at)
IR Distance	Up to 30m
Power Consumption	Max. 13.5 W
Dimensions	Φ 140 \times 121.8 mm (Φ 5.51" \times 4.80")
Weight	1400 g (3.09 lbs)

Order Models

DS-2CD4126FWD-IZ

Accessories



DS-1273ZJ-130B
Wall Mount with junction box



DS-1273ZJ-130
Wall Mount



DS-1271ZJ-130
Pendant Mount



DS-1227ZJ
In-ceiling Mount