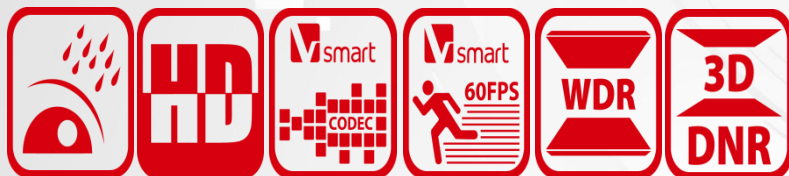


## DS-2CD4126FWD-IZ 2MP Low Light Smart Camera

**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

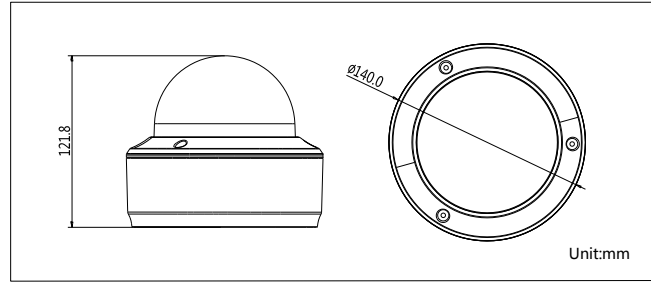
**DARKFIGHTER**

## Specification



| <b>Camera</b>               |   |
|-----------------------------|---|
| 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   |
| <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)<br>60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)                                 |
| Third Stream                | Independent with Main Stream and Sub Stream, up to<br>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   |
| <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

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