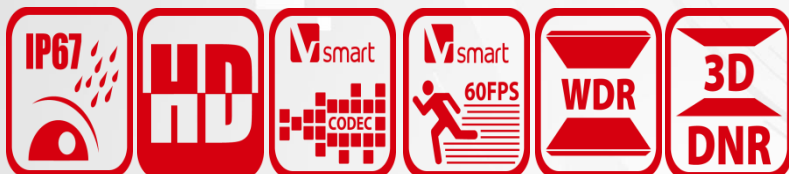


## DS-2CD4A26FWD-IZ(H)(S)/P 2MP Low Light ANPR IR Camera

**DARKFIGHTER**



The Darkfighter series ultra-low light ANPR cameras are able to capture high quality colored images in dim light environment. DS-2CD4A26FWD-IZ(H)(S)/P offers Full HD resolution with up to 30fps high frame rate, 120dB WDR, PoE, Defog, 3D DNR and complete Smart Feature-set to meet a wide variety of applications.

### smart IPC

DS-2CD4A26FWD-IZ(H)(S)/P is Hikvision ANPR IPC and features complete Smart functions including:

#### **ANPR function**

Vehicle Detection with Automatic Number Plate Recognition, Build in IR LEDs for color/BW video for all day ANPR.

#### **Smart Image Control**

Motorized lens with Smart Focus

- 1/1.8" Progressive Scan CMOS
- Full HD1080p video
- Up to 30fps frame rate
- Ultra-low light
- 120dB WDR
- 3D DNR
- Motorized lens with Smart Focus
- -H: built-in heater
- -S: audio/alarm IO
- Support 128G on-board storage
- DC12V/PoE
- IP67
- Build in 4 IR LEDs



## Key Features

### Smart

- Smart lens options: AF lens

### Image

- HD 1920 × 1080@30fps
- Supports image distortion correction
- Support rotate mode, suitable for environment as corridor.
- Support regional cropping, details can be seen with low bandwidth.
- Code smoothness setting for different requirements of image quality and fluency.
- Support H.264/MPEG4/MJPEG video compression, multi-level video quality configuration; support Basic/Main/High Profile H.264 encoding complexity.
- Multiple OSD color: Black & white self-adaptive; Custom
- WDR is supportable for backlight environment.
- Support defog, BLC, EIS.

### Infrared

- IR anti-reflection panel, increase infrared light transmittance.
- Smart IR, prevent over-exposure in close distance

### System

- Support ONVIF (profile S/profile G), CGI, PSIA, ISAPI protocol.
- Support three streams, and Support 20 channels live view at the same time.
- AF automatic fast focus, maintain focused during zooming
- Anti-thunder, anti-surge, anti-static, IP67 protection level.

### Interface

- Support standard 128G Micro SD/SDHC/SDXC card storage.
- Support 10M/100M Ethernet Port.
- Support Audio I/O, support dual channel stereo audio.
- Support Alarm I/O
- Support CVBS analog output

### Security

- Support three-level user authentication management, user and password authorization, IP address filtering and anonymous access.
- Support security certificate as HTTPS, SSH; support creating certificate.
- Basic and digest authentication is supportable in IE configuration
- Lock user IP for many times error login

# DS-2CD4A26FWD-IZ(H)(S)/P 2MP Low Light ANPR 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° 8~32mm @ F1.4, angle of view: 50.4°-15.7°
Lens Mount	AF automatic focusing and motorized zoom lens
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: 25fps(1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Image Enhancement	BLC/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	(-S-)1-ch 3.5 mm audio in( Mic in/Line in)/out interface
Communication Interface	1 RJ45 10M/100M Ethernet port;
Alarm	(-S-)1 input, 1 output (up to DC24V 1A or AC110V 500mA )
Video 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

## Dimensions

### Audio

Environment Noise Filtering	Support
Audio I/O	Support dual audio track, stereo
Audio Sampling Rate	16kHz / 32kHz / 44.1kHz / 48kHz

### General

Protection Level	IP67
Operating Conditions	-30°C – 60 °C (-22 °F – 140 °F), Humidity 95% or less (non-condensing); -H: -40°C – 60 °C
Power Supply	12 V DC ± 10%, PoE (802.3af)
Power Consumption	Max. 12 W
Dimensions	100×103.9×311.8 mm (3.94" × 4.09" × 12.28")
Weight	2000 g (4.41 lbs)

### Order Models

DS-2CD4A26FWD-IZS/P(2.8-12mm), DS-2CD4A26FWD-IZS/P(8-32mm)  
DS-2CD4A26FWD-IZHS/P(2.8-12mm), DS-2CD4A26FWD-IZHS/P(8-32mm)