DS-2CD4626FWD-IZ(HS)/P
2 MP ANPR Low Light Bullet Camera



smart IPC

The ANPR series ultra-low light smart cameras are able to capture vehicle and recognize vehicle number plate of various countries and regions in dim light environment. DS-2CD4626FWD-IZ(HS)/P offers high resolution, 120dB WDR, Auto-iris, PoE, Defog, EIS, 3D DNR, etc., to meet a wide variety of applications.

- 1/1.8” Progressive Scan CMOS
- 1920 × 1080 @ 60fps
- Ultra-low light
- Auto-iris
- 120dB WDR
- IP66, IK10
- IR range up to 50 m

Function Description

Smart

- Smart recording: support edge recording and dual-VCA
- Smart encoding: support low bit rate, low latency, ROI enhance encoding

Image

- 1920 × 1080 @60fps
- Support auto iris, DC-drive
- Support rotate mode, suitable for environment as corridor
- Support target cropping, details can be seen with low bandwidth
- Streaming smoothness setting for different requirements of image quality and fluency
- Support H.264+/H.264/MPEG4/MJPEG video compression, multi-level video quality configuration; support Baseline Profile/Main Profile/High Profile H.264 encoding complexity.
- Multiple OSD color: Black & white self-adaptive; Custom
- 120dB WDR is supportable for backlight environment
- Support defog, BLC, EIS, 3D DNR

System

- Support ONVIF (profile S/profile G), ISAPI protocol
- Support three streams, and support 20 channels live view at the same time
- Lightning protection, surge protection, voltage transient protection, anti-static protection

Interface

- Support standard 128G microSD/SDHC/SDXC card storage
- Support 10M/100M Ethernet port, RS-485
- Support Audio I/O (-S)
- Support Alarm I/O (-S)
- Support CVBS analog output (4CIF resolution)

Security

- Support three-level user authentication management, user and password authorization, and IP address filtering
- Support security certificate as HTTPS
- Lock user IP after certain times failed login attempts

Specifications

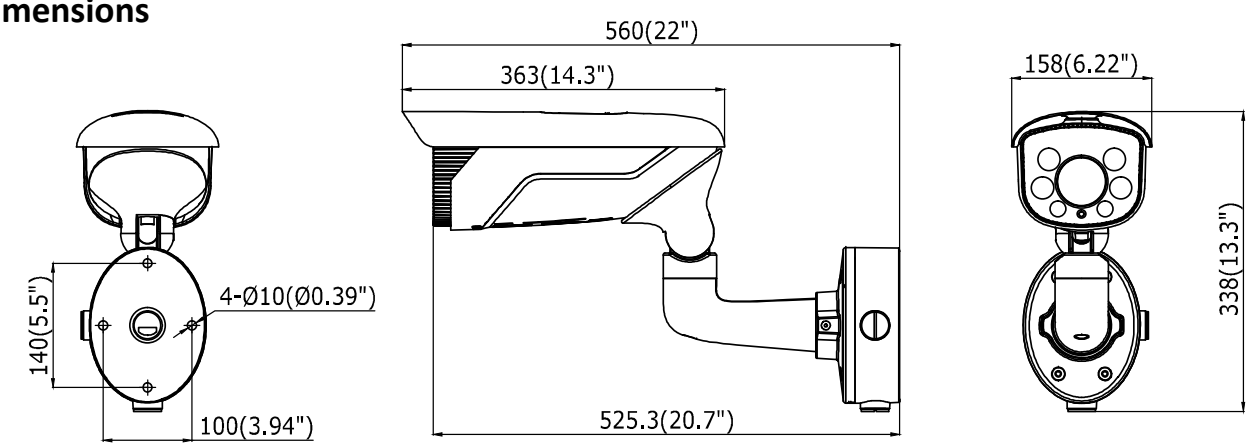
Camera	
Image Sensor	1/1.8'' Progressive Scan CMOS
Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON), B/W: 0.0027 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter Speed	1 s – 1/100,000 s, supports slow shutter
Lens	2.8 mm to 12 mm, F1.4, horizontal field of view: 92° to 32°
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
WDR	120dB
Compression Standard	
Video Compression	Main stream: H.264/MPEG4 Sub stream: H.264/MPEG4/MJPEG Third stream: H.264/MPEG4/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Support
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression (-S)	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate (-S)	64Kbps (G.711) /16Kbps (G.722.1) /16Kbps (G.726) /32-160Kbps (MP2L2)
Image	
Max. Resolution	1920 × 1080
Main Stream Max. Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream Max. Frame Rate	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream Max. Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Image Enhancement	BLC /3D DNR/Defog/EIS
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
Region of Interest	Support 4 fixed region for each stream, and dynamic tracking
Target Cropping	Support
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format
Road Traffic and Vehicle Detection	
Road Traffic and Vehicle Detection	Support
Network	
Network Storage	Support microSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Road traffic, motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6
General Function	One-key reset, anti-flicker, three streams, heartbeat, password protection, privacy mask, watermark, IP address filter
Standard	ONVIF (PROFILE S, PROFILE G), ISAPI

Interface	
Communication Interface	1 RJ45 10M/100M Ethernet port, 1 RS-485 interface
Audio (-S)	1 audio input(line in/mic in), 1 audio output
Alarm (-S)	1 input, 1 output
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in microSD/SDHC/SDXC slot, up to 128 G
Reset Button	Yes
Audio (-S)	
Environment Noise Filtering	Support
Audio I/O	Support
Audio Sampling Rate	16kHz/32kHz/44.1kHz/48 kHz
General	
Operating Conditions	-IZ/P: -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing) -IZHS/P: -40 °C to +60 °C (-40 °F to +140°F), Humidity 95% or less (non-condensing)
Power Supply	24 VAC ± 10%, terminal block PoE (802.3at, class 4)
Power Consumption and Current	-IZ/P: 24 VAC, 0.98 A, max.23.5 W; PoE (802.3at), 0.4 A to 0.5 A, max.23.5 W -IZHS/P: 24 VAC, 1.04 A, max.25 W; PoE (802.3at), 0.5 A to 0.6 A, max.25 W
IR	Up to 50 m IR range, 850 nm IR wavelength
Heater	-IZHS/P: support
Protection	IP66, IK10
Dimensions	Camera: 158 × 338 × 560 mm (6.22” × 13.31” × 22.05”) Package: 578 × 335 ×140 mm (22.76” × 13.12” × 5.51”)
Weight	7500 g (16.5 lb.)

Available Models:

DS-2CD4026FWD-IZ/P, DS-2CD4626FWD-IZHS/P

Dimensions



Accessories



DS-1275ZJ-4626

Vertical Pole Mount

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