

DS-2CD4A26FWD-(IZ)(IZS)(IZHS)(LZS)/P 2 MP ANPR Ultra-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-2CD4A26FWD-(IZ)(IZS)(IZHS)(LZS)/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
- IP67
- IR and white light, optional





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 128 G microSD/SDHC/SDXC card storage
- Support 10M/100M Ethernet port
- 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

| Min. IlluminationIShutter Speed3Lens3Auto-iris1Day & Night1Digital Noise Reduction3WDR3Compression StandardVideo Compression3 | 1/1.8" Progressive Scan CMOS Color: 0.002 Lux @ (F1.2, AGC ON), 0.0027 Lux @ (F1.4, AGC ON), 0 Lux with IR 1 s to 1/100,000 s, supports slow shutter 2.8 mm to 12 mm, F1.4, horizontal field of view: 92° to 32° 8 mm to 32 mm, F1.6, horizontal field of view: 42° to 13.5° DC drive IR cut filter with auto switch 3D DNR 120dB |
|--|---|
| Shutter SpeedImage: SpeedLensImage: SpeedAuto-irisImage: SpeedDay & NightImage: SpeedDigital Noise ReductionImage: SpeedWDRImage: SpeedCompression StandardVideo CompressionImage: Speed | 1 s to 1/100,000 s, supports slow shutter 2.8 mm to 12 mm, F1.4, horizontal field of view: 92° to 32° 8 mm to 32 mm, F1.6, horizontal field of view: 42° to 13.5° DC drive IR cut filter with auto switch 3D DNR |
| Lens2Auto-irisIDay & NightIDigital Noise ReductionIWDRICompression StandardVideo CompressionI | 2.8 mm to 12 mm, F1.4, horizontal field of view: 92° to 32° 8 mm to 32 mm, F1.6, horizontal field of view: 42° to 13.5° DC drive IR cut filter with auto switch 3D DNR |
| LensaAuto-irisIDay & NightIDigital Noise ReductionIWDRICompression StandardVideo CompressionI | 8 mm to 32 mm, F1.6, horizontal field of view: 42° to 13.5° DC drive IR cut filter with auto switch 3D DNR |
| Auto-iris I Day & Night I Digital Noise Reduction I WDR I Compression Standard I Video Compression I | DC drive IR cut filter with auto switch 3D DNR |
| Day & Night I Digital Noise Reduction I WDR I Compression Standard Video Compression I | IR cut filter with auto switch 3D DNR |
| Digital Noise Reduction 3 WDR 3 Compression Standard 1 Video Compression 3 | 3D DNR |
| WDR Image: Compression Standard Video Compression Image: Standard | |
| Compression Standard | 120dB |
| Video Compression | |
| Video Compression | |
| | Main stream: H.264/MPEG4 Sub stream: H.264/MPEG4/MJPEG Third stream: H.264/MPEG4/MJPEG |
| Н.264 Туре | Baseline Profile/Main Profile/High Profile |
| H.264+ | Support |
| Video Bit Rate | 32 Kbps to 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 |
| | 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720) |
| | 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) |
| | 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) |
| | 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 |
| | Support |
| Day/Night Switch | Auto/Schedule/Triggered by Alarm In (-S) |
| Picture Overlay | LOGO picture can be overlaid on video with 128 × 128 24bit bmp format |
| Road Traffic and Vehicle Detection | |
| Road Traffic and Vehicle g | Support |
| Network | |
| Network Storage | Support microSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR |
| | Road traffic, motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error |
| | 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, mirror |
| Standard | ONVIF (profile S, profile G), ISAPI |



| Interface | |
|----------------------------------|--|
| Communication Interface | 1 RJ45 10M/100M Ethernet port |
| Audio (-S) | With –S model: 1 audio input(line in/mic in), 1 audio output |
| Alarm (-S) | With –S model: 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 | -IZS/P, -IZ/P, -LZS/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 | 12 VDC ± 10%, terminal block PoE (802.3at, class 4) |
| Power Consumption and Current | -(IZS)(IZ)/P: 12 VDC, max. 13.3 W, 1.2 A; PoE, max. 17.6 W, 0.3 A to 0.5 A -IZHS/P: 12 VDC, max. 14.5 W, 1.3 A; PoE, max. 19.2 W, 0.3 A to 0.5 A -LZS/P: 12 VDC, max. 18.1 W, 1.6 A; PoE, max. 24 W, 0.4 A to 0.6 A |
| IR | -IZ/P, -IZS/P, -IZHS/P: 850 nm IR wavelength, up to 50 meters for 2.8 to 12 mm lens, up to 100 m for 8 to 32 mm lens |
| White Light | -LZS/P: up to 50 meters for 2.8 to 12 mm lens, up to 100 m for 8 to 32 mm lens |
| Heater | -IZHS: support |
| Protection | IP67 |
| Dimensions | 348.38 × 114.18 × 111.73 mm (13.72" × 4.5" × 4.4") |
| Weight | Approx. 2075 g (4.57 lb.) |

Available Models:

DS-2CD4A26FWD-IZ/P, DS-2CD4A26FWD-IZS/P, DS-2CD4A26FWD-IZHS/P, DS-2CD4A26FWD-LZS/P

*With –I model supports IR supplement

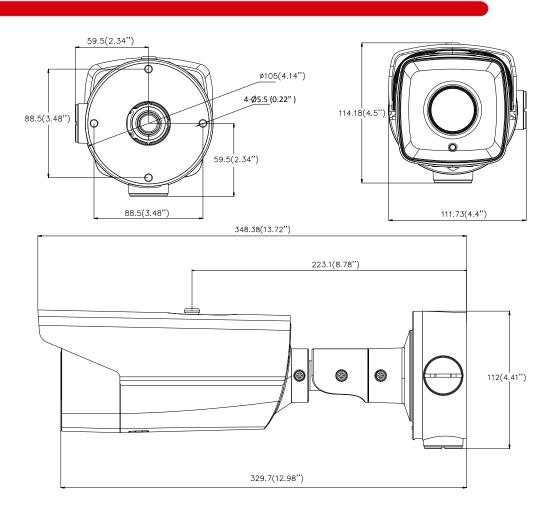
*With –H model supports heater

*With -L model supports white light supplement

Dimensions

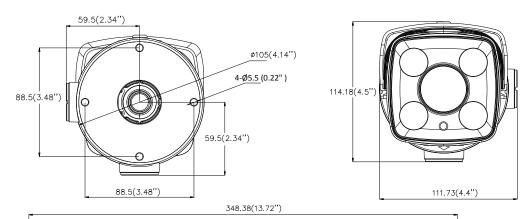
-IZ/P, -IZS/P, -IZHS/P:

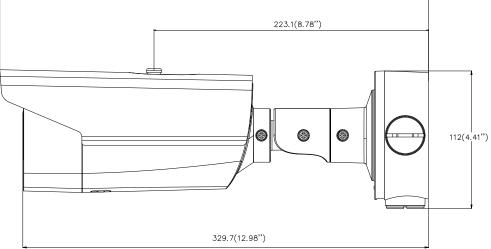












Accessories



DS-1275ZJ-SUS Vertical Pole Mount



DS-1276ZJ-SUS Corner Mount



Distributed by

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