HIKVISION

DS-2CD7A26G0/P-IZHSx
2 MP DeepinView Ultra-Low Light Outdoor LPR Bullet Camera

DarkFighter™

LightFighter

DeepinView series

- 1/1.8" (2 MP) Progressive Scan CMOS
- 1920 x 1080 Resolution @ 60 fps
- EXIR 2.0 with up to 165 ft (50 m) and 330 ft (100 m) IR Range
- 2.8 to 12 mm and 8 to 32 mm Motorized Lenses
- Ultra-Low Light, 0.002 Lux (with f/1.2 Lens), Darkfighter Technology
- H.265+, H.265, H.264+, H.264
- 5 Defined Streams and 5 Custom Streams
- 140dB WDR, Lightfighter Technology
- Alarm Input/Output
- MicroSD Card Slot Supports 256 GB
- Specially-Designed Pole Mount Offers Perfect Height and Angle for License Plate Recognition
- Convenient Integrated Conduit Base
- Anti-Fog Coating Inside of Lens Cover
- IP67, IK10 Protection
- 12 VDC and PoE (802.3at)

The Hikvision DS-2CD7A26G0/P-IZHSx DeepinView Ultra-Low Light Outdoor LPR Bullet Camera is designed to capture vehicle images and recognize license plate numbers in a variety of lighting conditions.

The camera supports Darkfighter technology, which allows for viewing and recording in ultra low-light conditions. With a WDR of 140dB and Lightfighter technology, it provides superb image quality.

It is equipped with 2.8 to 12 mm and 8 to 32 mm motorized varifocal lenses, and offers an EXIR 2.0 IR range of up to 165 ft (50 m) and 330 ft (100 m).

The camera also has the capacity for up to 10,000 whitelist (authorized) and blacklist (unauthorized) records, which provides powerful access control functionality.

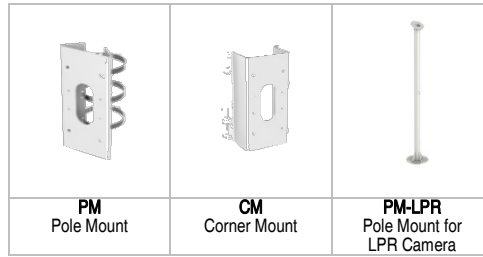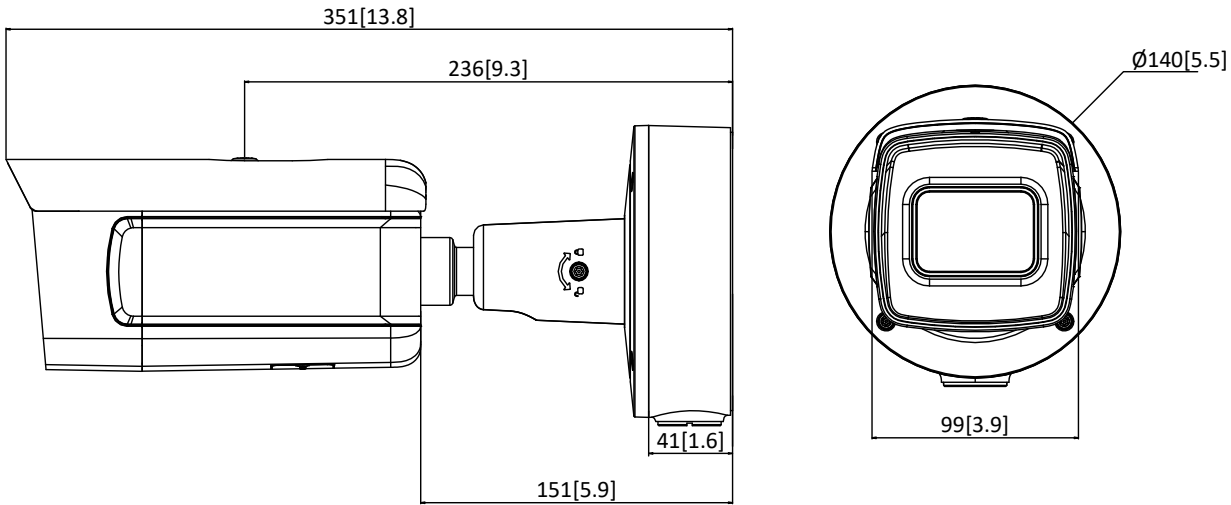**Available models:**
DS-2CD7A26G0/P-IZHS
DS-2CD7A26G0/P-IZHS8

H.265+ | Vsmart 60FPS | 3D DNR | WDR | IP67

CE | FC | cULus | ONVIF

Specifications

	DS-2CD7A26G0/P-IZHS	DS-2CD7A26G0/P-IZHS8
Camera		
Image Sensor	1/1.8" Progressive Scan CMOS	
Minimum Illumination	Color: 0.002 lux @ (f/1.2, AGC on), 0 lux with IR	
Shutter Speed	1 s to 1/100,000 s	
Slow Shutter	Yes	
Day/Night	IR Cut Filter	
Digital Noise Reduction	3D DNR	
WDR	140dB	
Angle Adjustment	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	
Lens		
Focal Length	2.8 to 12 mm	8 to 32 mm
Aperture	f/1.2	f/1.6
Focus	Auto, semi-auto, manual	
FOV	Horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 124.2° to 44.3°	8 to 32 mm, horizontal FOV 42.5° to 13.4°, vertical FOV 23.4° to 7.7°, diagonal FOV 49° to 15.3°
Lens Mount	Integrated	
IR		
IR Range	Up to 165 ft (50 m)	Up to 330 ft (100 m)
Wavelength	850 nm	
Compression Standard		
Video Compression	Main stream: H.265+/H.265/H.264+/H.264; sub stream/third stream/fourth stream/fifth stream/custom stream: H.265+/H.265/H.264+/H.264/MJPEG	
H.264 Type	Baseline profile/main profile/high profile	
H.264+	Main stream support	
H.265 Type	Main profile	
H.265+	Main stream support	
Video Bit Rate	32 Kbps to 16 Mbps	
Audio Compression	No	
Audio Bit Rate	No	
Smart Features		
Perimeter Protection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	
Exception Detection	Scene change detection, defocus detection	
Face Detection	Yes	
Recognition	License plate recognition	
Region of Interest	Four fixed regions for main stream, sub stream, third stream, fourth stream, and fifth stream, and dynamic tracking	
Traffic and Vehicle Detection		
Blacklist and Whitelist	Maximum 10,000 records	
Image		
Maximum Resolution	1920 x 1080	
Main Stream	60 fps (1920 × 1080, 1280 × 960, 1280 × 720)	
Sub Stream	30 fps (704 × 480, 640 × 480)	
Third Stream	30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480)	
Fourth Stream	30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)	
Fifth Stream	30 fps (704 × 480, 640 × 480)	
Custom Stream	30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)	
Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS, lens distortion correction	
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser	
Target Cropping	Yes	
SVC	H.264 and H.265 encoding	
Day/Night Switching	Day/night/auto/schedule/triggered by alarm in/triggered by video	
Picture Overlay	Logo picture can be overlaid on video with 128 x 128 24 bit bmp format	
Network		
Network Storage	MicroSD/SDHC/SDXC card (256 GB), local storage and NAS (NFS,SMB/CIFS), ANR	
Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error, alarm for black and whitelisted license plates	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour	
Security Measures	Password protection, HTTPS encryption, IEEE 802.1x port-based network access control, IP address filtering, basic and digest authentication for HTTP/HTTPS, WSSE, and digest authentication for ONVIF	
General Function	One-key reset, anti-flicker, five streams and five custom streams, heartbeat, password protection, privacy mask, watermark, and IP address filtering	
API	ONVIF (PROFILE S, PROFILE G), ISAPI, SDK	
Simultaneous Live View	Up to 20 channels	
User/Host	Up to 32 users. 3 user levels: administrator, operator and user	
Client	iVMS-4200, Hik-Connect, Hik-Central	
Web Browser	Plug-in required live view: IE 8+, Chrome 31.0 to 44, Mozilla Firefox 30.0 to 51, Safari 8.0+ Plug-in free live view: Chrome 45+, Mozilla Firefox 52+	
Interface		
Communication Interface	One RJ45 10M/100M/1000M Ethernet port, one RS-485 interface (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)	
Alarm	Two inputs, two outputs (up to 24 VDC 1A or 110 VAC 500 mA)	
Video Output	One Vp-p composite output (75 Ω/CVBS)	
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 256 GB	
BNC	CVBS analog output (4CIF resolution), internal	
Reset Button	Yes	
Audio		
Environment Noise Filtering	No	
Audio Sampling Rate	No	
General		
Operating Conditions	-40° F to 140° F (-40° C to 60° C); humidity 95% or less (non-condensing)	
Power Supply	12 VDC ± 20%, two-core terminal block; PoE (802.3at, class 4)	
Power Consumption and Current	12 VDC, 1.4 A, maximum 16.5 W; PoE (802.3at, 42.5 V to 57 V), 0.4 A to 0.3 A	
Protection Level	IP67, IK10	
Heater	Yes	
Material	Aluminum alloy	
Dimensions	Camera: Φ 5.5" x 13.8" (Φ 140 mm x 351 mm)	
Weight	Camera: 5.51 lbs (2.50 kg)	

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Rev. 071219NA

Accessories

PM Pole Mount	CM Corner Mount	PM-LPR Pole Mount for LPR Camera

Dimensions

351[13.8]

236[9.3]

Ø140[5.5]

41[1.6]

151[5.9]

99[3.9]

Units: mm(inches)

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