HIKVISION

DS-2CD7026G0/EP-I(H)
2 MP Smart Network Box Camera

DarkFighter

H.265 | P Iris | ABF | | | Vsmart 60FPS
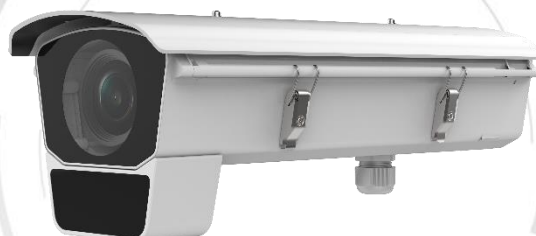
DeepinView

- 1/1.8" Progressive Scan CMOS
- 1920 × 1080 @ 60 fps
- Color: 0.002 Lux @ (F1.2, AGC ON), B/W: 0.0002 Lux @ (F1.2, AGC ON)
- H.265, H.265+, H.264+, H.264
- 140dB WDR
- 3D DNR
- Alarm I/O
- IP66, IK10
- 1 RS-485 interface

- IR range up to 80 m (3.8 to 16 mm)
- IR range up to 120 m (11 to 40 mm)
- 6 behavior analyses and 3 exception detections
- 5 defined streams and up to 5 custom streams supported
- License Plate Recognition
- Supports alarms for listed license plate in the blacklist and whitelist
- Built-in microSD/SDHC/SDXC card slot, up to 256 GB

Specifications

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON), B/W: 0.0002 Lux @ (F1.2, AGC ON)
Shutter Speed	1 s - 1/100,000 s
Slow Shutter	Yes
Auto-iris	P-iris
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	140dB
Focus	ABF (auto back focus)

Lens	
Lens Mount	C/CS mount
FOV	3.8 to 16 mm, F1.4, horizontal FOV 100.7° to 27.3°, vertical FOV 56.2° to 15.4°, diagonal FOV 115.5° to 31.3° 11 to 40 mm, F1.4, horizontal FOV 35.8° to 11.2°, vertical FOV 19.6° to 6.3°, diagonal FOV 41.7° to 12.8°

IR	
IR Range	3.8-16 mm: up to 80 m 11-40 mm: up to 120 m
Wavelength	850 nm

Compression Standard	
Video Compression	Main stream: H.265/H.264/H.265+/H.264+ Sub-stream/third stream/fourth stream/fifth stream/custom stream: H.265/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	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)

Smart Feature-set	
Behavior Analysis	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Exception Detection	Audio exception detection, scene change detection and defocus detection
Recognition	License Plate Recognition
Region of Interest	4 fixed regions for main stream, sub stream, third stream, fourth stream, and fifth stream, and dynamic tracking

Road Traffic and Vehicle Detection	
Accuracy (Under recommended installation and lighting conditions)	Capture rate > 98% Vehicle moving direction recognition accuracy > 96% Mistaken capture rate < 2% (entrance/exit), < 5% (checkpoint)
Blacklist and whitelist	Max. 10,000 records
No License Plate Detection	Yes
Motorcycle LPR	Yes (only applicable to checkpoint)

| Image	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream	50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480)
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480)
Fourth Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Fifth Stream	50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480)
Custom Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Up to 5 custom streams are supported
Image Enhancement	BLC, HLC, defog, 3D DNR, EIS
Image Settings	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 Switch	Day/Night/Auto/Schedule/Triggered by Alarm In/Triggered by Video
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24-bit bmp format, region optional
Network	
Network Storage	Support 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 listed license plate in the blacklist and whitelist
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	RTP/RTSP OVER HTTPS, password protection, HTTPS encryption, IEEE 802.1x port-based network access control, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF
General Function	One-key reset, anti-flicker, five streams and up to 5 custom streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
API	ONVIF (PROFILE S, PROFILE G), ISAPI
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, iVMS-4500
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Interface	
Audio	1 input (line in), 1 output, mono sound
Communication Interface	1 RJ45 10M/100M/1000M Ethernet port, 1 RS-485 interface (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Alarm	2 Inputs, 2 outputs (up to 24 VDC, 1A or 30 VAC, 500 mA)
Video Output	1Vp-p composite output (75 Ω/CVBS)
On-board storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Reset Button	Yes
Audio	
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHZ/48 kHz

General	
Firmware Version	5.5.62
Operating Conditions	-I: -30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing) -IH:-40 °C to 60 °C (-40 °F to 140 °F)
Power Supply	24 VAC ± 20%, two-core terminal block
Power Consumption and Current	24 VAC, 1.6 A, max. 30 W
Protection Level	IP66, IK10
Material	Metal
Dimensions	465.4 × 160 × 169.2 mm (18.3" × 4.3" × 6.7") With package: 683 × 223 × 265 mm (26.9" × 8.8" × 10.4")
Weight	3800 g (8.4 lb) With package: 6000 g (13.2 lb)

* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

Available Models:

DS-2CD7026G0/EP-I (3.8 to 16 mm), DS-2CD7026G0/EP-IH (3.8 to 16 mm), DS-2CD7026G0/EP-I (11 to 40 mm), DS-2CD7026G0/EP-IH (11 to 40 mm)

Dimensions
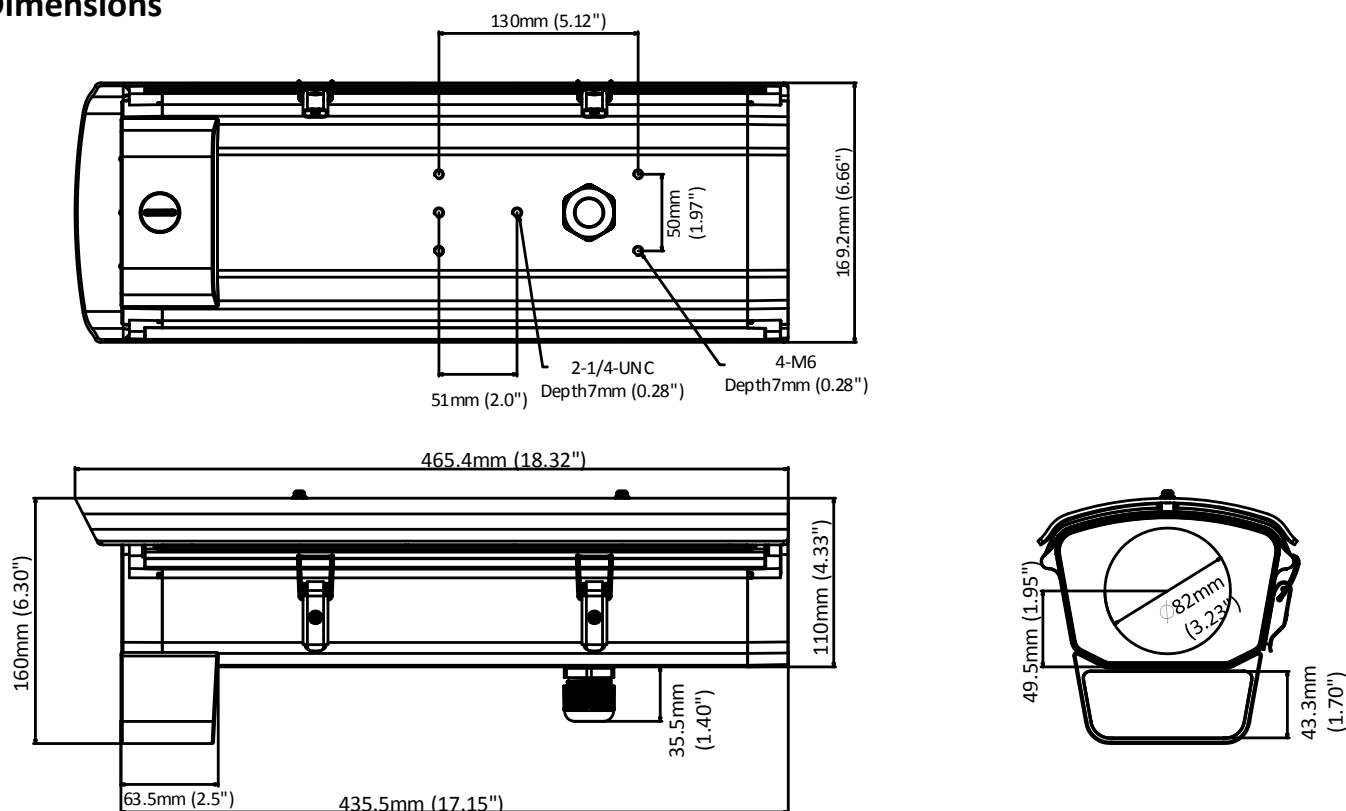
Accessories

DS-1293ZJ	DS-1269ZJ	DS-1233ZJ	DS-2202ZJ
Wall Mount	Pendant Mount	Column Mount	Integrated Mount

DS-1214ZJ

Horizontal pole mount

DS-1674ZJ

Junction Box

(The bracket should be used

together with DS-2202ZJ)

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