

# IDS-2CD7A26G0/P-IZHS

Model	IDS-2CD7A26G0/P-IZHS
Brend	Hikvision
Növ	IP
Meqapixel	2 MP
Obyektiv	Motorized
İşıqlandırma məsafəsi	50 m
Mikrofon	Mic
Fokus	2.7 - 13.5
İşıqlandırma	IR
Qoruma	IP67
Material	Metal



## Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.0005 Lux @ (F1.2,AGC ON); B/W: 0.0001Lux @ (F1.2,AGC ON), 0 Lux withIR
Shutter Time	1 s to 1/100,000 s
Day / Night	IR cut filter Blue glassmodule to reduceghost phenomenon
Lens	
Focal Length / FOV	2.8 to 12 mm, horizontal FOV: 114.5° to 41.8°, vertical FOV: 59.3° to 23.6°, diagonal FOV: 141.1° to 48° 8 to 32 mm, horizontal FOV:42.5° to 15.1°,vertical FOV: 23.3° to 8.64°, diagonal FOV: 49.6° to 17.3°
Focus	Auto,Semi-auto,Manual
Iris Type	P-iris
Aperture	2.8 to 12 mm: F1.2 to F2.5 8 to 32 mm: F1.7 to F1.73
DORI	

<b>DORI</b>	<p><b>Wide:</b></p> <p>2.8 to 12 mm:D (Detect): 45 m,O (Observe): 17.9 m, R (Recognize): 9 m, I (Identify): 4.5 m</p> <p>8 to 32 mm: D (Detect): 112.7 m, O (Observe): 44.8m, R (Recognize): 22.6 m, I (Identify): 11.3 m</p> <p><b>Tele:</b></p> <p>2.8 to 12 mm: D (Detect): 111.8m, O (Observe): 44.3 m, R (Recognize): 22.4 m, I (Identify): 11.2m</p> <p>8 to 32 mm:D (Detect): 300 m, O (Observe): 119.0 m, R (Recognize): 60 m, I (Identify): 30 m</p>
<b>Illuminator</b>	
<b>Supplement LightType</b>	IR
<b>Supplement LightRange</b>	<p>2.8 to 12 mm: 50 m</p> <p>8 to 32 mm: 100 m</p>
<b>Smart Supplement Light</b>	Yes
<b>IR Wavelength</b>	850 nm
<b>Video</b>	
<b>Main Stream</b>	<p>50 Hz: 50 fps (1920 × 1080, 1280× 960, 1280× 720)</p> <p>60 Hz: 60 fps (1920 × 1080, 1280× 960, 1280× 720)</p>
<b>Sub-Stream</b>	<p>50 Hz: 25 fps (704 × 576, 640 × 480)</p> <p>60 Hz: 30 fps (704 × 480, 640 × 480)</p>
<b>Third Stream</b>	<p>50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576,640 × 480)</p> <p>60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640× 480)</p>
<b>Fourth Stream</b>	<p>50 Hz: 25 fps (704 × 576, 640 × 480)</p> <p>60 Hz: 30 fps (704 × 480, 640 × 480)</p>
<b>Fifth Stream</b>	<p>50 Hz: 25 fps (704 × 576, 640 × 480)</p> <p>60 Hz: 30 fps (704 × 480, 640 × 480)</p>

<b>Video Compression</b>	<p>Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG,</p> <p>Third stream: H.265/H.264,</p> <p>Fourth stream:H.265/H.264/MJPEG, Fifth stream: H.265/H.264/MJPEG</p>
<b>Video Bit Rate</b>	32 Kbps to 8 Mbps
<b>H.264 Type</b>	Baseline Profile,Main Profile,High Profile
<b>H.265 Type</b>	Main Profile
<b>Bit Rate Control</b>	CBR,VBR
<b>Scalable VideoCoding (SVC)</b>	H.264 andH.265 encoding
<b>Region of Interest (ROI)</b>	4 fixed regions for each stream
<b>Target Cropping</b>	Yes
<b>e-PTZ</b>	Support Patroland Auto Tracking settings
<b>Audio</b>	
<b>Audio Type</b>	Mono sound
<b>Audio Compression</b>	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
<b>Audio Bit Rate</b>	<p>64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/</p> <p>16 Kbps(G.726)/32 to 192 Kbps</p> <p>(MP2L2)/8 to 320 Kbps(MP3)/16 to 64 Kbps (AAC-LC)</p>
<b>Audio Sampling Rate</b>	8 kHz/16 kHz/32kHz/44.1 kHz/48 kHz

Environment Noise Filtering	Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, WebSocket, WebSockets
Simultaneous Live View	Up to 20 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T, Profile M), ISAPI, SDK, ISUP
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP OVER HTTPS, Control Timeout Settings, Security Audit Log, TLS 1.2, TLS 1.3, TPM 2.0(FIPS 140-2 level2), AES128/256
Network Storage	NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR), Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE 10, IE 11, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Safari 11+, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Schedule, Alarm Trigger, Video Trigger
Wide Dynamic Range(WDR)	140 dB

SNR	≥ 52 dB
Image Enhancement	BLC, HLC, 3D DNR, Distortion Correction, Defog
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24 bit bmp format.
Image Stabilization	EIS
Privacy Mask	8 programmable polygon privacy masks
Interface	
Video Output	1 Vp-p Composite Output (75 Ω/CVBS) (Only for debugging)
Ethernet Interface	1 RJ45 10 M/100 M/1000M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 1 TB
Audio	With -Y: 1 input (line in), 1 output (line out), 3.5 mm connector
Alarm	2 inputs, 2 outputs (max. 24 VDC, 1 A)
RS-485	With -Y: 1 RS-485 (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Reset Key	Yes
Power Output	With -Y: 12 VDC, max. 100 mA

<b>Wiegand</b>	-Y: 1 Wiegand (CardID 26bit, SHA-126bit, Hik 34bit,NEWG 72bit)
<b>Event</b>	
<b>Basic Event</b>	Motion detection (support alarm triggering by specified target types (human and vehicle)),video tampering alarm,exception (network disconnected, IP address conflict, illegal login, abnormal restart, HDD full,HDD error), video quality diagnosis,vibration detection
<b>Smart Event</b>	scene changedetection,audio exception detection,defocus detection
<b>Linkage</b>	Upload to FTP/NAS/memory card,notify surveillance center,send email,trigger alarm output,trigger recording,trigger capture,audible warning
<b>Deep Learning Function</b>	
<b>Perimeter Protection</b>	Line crossing, intrusion, region entrance, region exiting Support alarmtriggering by specified target types (humanand vehicle) Support combined event alarm triggering
<b>Road Traffic and Vehicle Detection</b>	Smart Function: Support license platerecognition of vehicles and motorcycles (onlyin checkpoint scenario) Support vehicle attribute detection, including vehicletype, color, brand,driving direction, etc. Support vehicle and non-vehicle counting Blocklist and allowlist: up to 10,000 records LPRCountries/Regions: 4 areas (Europe, Middle East, Asia-Pacific, Africa) and morethan 124 countries/regions Accuracy (Under recommended installation and li ghting conditions): License plate recognition rate ≥98% Capture rate ≥99% Driving direction accuracy rate ≥98% Vehicle Capture Speed: Front installation in checkpoint scenario: up to 120 km/h Sideinstallation: up to 80 km/h Capture Mode:License Plate andVehicle Mode, VehiclePriority Mode
<b>Metadata</b>	Intrusion detection,line crossing detection,region entrance detection,region exiting detection,road traffic

<b>Parking Management</b>	Support distant viewmode and closeview mode Distant view mode:support status detection on up to 40 parking spaces, parking duration detection, and vacant parking spacealarm Close viewmode: support status detection on up to 4 parkingspaces, license plate recognition, parking timeout alarm, and vacant parkingspace alarm
<b>General</b>	
<b>Power</b>	12 VDC ±20%, 1.19 A, max. 14.28W, three-core terminal block PoE: IEEE802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.396A to 0. 295 A, max. 16.8W
<b>Material</b>	Aluminum alloy body
<b>Dimension</b>	Without -Y: Ø144 mm × 347 mm (Ø5.7" × 13.7") With -Y: Ø140 mm × 351 mm (Ø5.5" × 13.8")
<b>Package Dimension</b>	405 mm × 190 mm × 180 mm (15.9" × 7.5" × 7.1")
<b>Weight</b>	Approx. 1950 g (4.2 lb.)
<b>With PackageWeight</b>	Approx. 3070g (6.7 lb.)

Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less(non-condensing)
Startup and Operating Conditions	-40 °C to 60 °C (-40 °F to 140 °F). Humidity 95% or less(non-condensing)
Language	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch,Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean,Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
General Function	Anti-banding, heartbeat, mirror, flash log,password reset via email, pixelcounter
Heater	Yes
Device Management	Supports adding alarmbox (DS-FM2466) in the LAN to expand6 additional inputand 6 output alarminterfaces