

# IDS-2CD7146G0-IZS

NVR for IP Cameras



## Specifications

Model	IDS-2CD7146G0-IZS
Brand	Hikvision
Növ	IP
Meqapixel	4 MP
Obyektiv	Varifokal
Mikrofon	Mic
Fokus	2.7 - 13.5mm
???qland?rma	İR
???qland?rma m?saf?si	30 m
Qoruma	IP67
Material	Metal
Yadda?	MicroSD
?? mühiti	Indoor

## KEY FEATURES

<b>Matrix</b>	1/1.8" Progressive Scan CMOS
<b>Sensitivity</b>	Color: 0.001 lux @ (F1.2, AGC on); b/w: 0.0003 lux @ (F1.2, AGC on)
<b>Electronic shutter speed</b>	1 to 1/100,000 s
<b>Slow shutter support</b>	Yes
<b>P/N</b>	P/N
<b>Wide dynamic range WDR</b>	140 dB
<b>Day/night mode</b>	IR filter
<b>Adjusting the viewing angle</b>	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 355°
<b>Power-off position memory</b>	Yes
<b>Focusing</b>	Automatic, semi-automatic, manual
<b>Lens type and viewing angle</b>	From 2.8 to 12 mm, horizontally from 114.5 to 41.8°, vertically from 59.3 to 23.6°, diagonally from 141.1 to 48° From 8 to 32 mm, horizontally from 42.5 to 15.1°, vertically from 23.3 to 8.64°, diagonally from 49.6 to 17.3°
<b>Aperture</b>	From 2.8 to 12 mm: F1.2-F2.5 From 8 to 32 mm: from F1.7 to F1.73
<b>Lens mount</b>	Built-in
<b>Blue Glass Module</b>	The module is used to reduce the backscattering effect
<b>P-Iris</b>	Yes
<b>IR range</b>	From 2.8 to 12 mm: 30 m From 8 to 32 mm: 50 m
<b>Wavelength</b>	850 nm
<b>Additional smart lighting</b>	Yes
<b>Maximum resolution</b>	2680×1520
<b>Main thread</b>	50 Hz: 25 fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)
<b>Additional stream</b>	50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480)
<b>Third stream</b>	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
<b>Fourth stream</b>	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
<b>Fifth stream</b>	50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480)
<b>Custom Flow</b>	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
<b>Video compression</b>	Main stream: H.265+/H.265/H.264+/H.264 Secondary Stream/Third Stream/Fourth Stream/Fifth Stream/Custom Stream: H.265/H.264/MJPEG
<b>Video bitrate</b>	From 32 Kbps to 16 Mbps
<b>H.264 profile</b>	Baseline Profile/Main Profile/High Profile
<b>H.265 profile</b>	Main Profile
<b>H.264+</b>	For main thread
<b>H.265+</b>	For main thread

<b>Bitrate</b>	CBR/VBR
<b>Stream type</b>	Main Stream/Secondary Stream/Third Stream/Fourth Stream/Fifth Stream/Custom Stream
<b>S.V.C.</b>	H.265 and H.264 supported
<b>Region of interest (ROI)</b>	4 fixed areas for each thread
<b>Environmental Noise Filter</b>	Yes
<b>Sampling frequency</b>	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
<b>Audio compression</b>	G.711/G.722.1/G.726/MP2L2/PCM/MP3
<b>Audio bitrate</b>	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/32 Kbps (PCM)/from 8 to 320 Kbps (MP3)
<b>Audio type</b>	Mono
<b>Simultaneous real-time viewing</b> Up to 20 channels	
<b>API</b>	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP
<b>Protocols</b>	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
<b>Smooth Streaming</b>	Yes
<b>User/Host</b>	Up to 32 users. 3 user levels: administrator, operator and user
<b>Safety</b>	Password protection, strong password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermarking, IP address filtering, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP over HTTPS, timeout management settings, security audit log, TLS 1.2
<b>Network storage</b>	MicroSD/SDHC/SDXC card (256 GB) and NAS (NFS, SMB/CIFS), ANR Support for Hikvision memory card, encryption and diagnostics of memory card.
<b>Client</b>	HikCentral Pro (recommended), iVMS-4200, Hik-Connect, Hik-Central
<b>Web interface</b>	Requires live view plugin: IE8+ No plugin required for live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local services: Chrome 41.0+, Firefox 30.0+
<b>Intelligent IR illumination</b>	The IR LEDs on the camera must support Intelligent IR to automatically adjust the power to prevent overexposure of the image.
<b>Day/night mode</b>	Day/Night/Automatic/Scheduled/Alarm
<b>Cropping an image</b>	Yes
<b>Image overlay</b>	Logo in bmp format 24 bit, size 128 x 128
<b>Image enhancement</b>	BLC, HLC, 3D DNR, Anti-fog, EIS, distortion correction
<b>Picture Options Switch</b>	Yes
<b>Image Settings</b>	Corridor mode, saturation, brightness, contrast, sharpness, saturation and white balance are adjustable via client software or web interface
<b>SNR</b>	≥ 52 dB
<b>Alarm interface</b> 1 input, 1 output (max. DC 24 V, 1 A)	
<b>Audio</b>	1 input (line), 3.5 mm jack, max. input signal amplitude: 3.3 V p-p, input resistance: 4.7 kOhm; 1 output (line), 3.5 mm jack, max. output signal amplitude: 3.3 V p-p, output impedance: 100 Ohm, interface type: unbalanced, mono, 1 built-in microphone
<b>RS-485</b>	1 RS-485 (half duplex, HIKVISION, Pelco-P, Pelco-D, adaptive)
<b>Video output</b>	1V p-p composite output (75 ohm/CVBS), (debug only)
<b>Local storage</b>	Built-in slot for microSD/SDHC/SDXC card, up to 256 GB
<b>Hard reset</b>	Yes
<b>Network interfaces</b>	1 RJ45 auto 10M/100M/1000M Ethernet
<b>Power output</b>	DC 12 V, max. 200 mA (supported by all types of power supplies)