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Taste of technology

TEXNIKI SƏNƏD

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HIKVISION

iDS-2CD7146G0-IZS

Kod: 00-00004015 · Kamera



Hikvision iDS-2CD7146G0-IZS — texniki göstəricilər aşağıda verilib.

Texniki göstəricilər

4 MP Meqapixel	**Varifokal** Obyektiv
Mic Mikrofon	**2.7 - 13.5mm** Fokus
İR İşıqlandırma	**30 m** İşıqlandırma məsafəsi
IP67 Qoruma	**Metal** Material
MicroSD Yaddaş	**Indoor** İş mühiti

IP

Növ

Ətraflı məlumat

Matrix	1/1.8″ Progressive Scan CMOS
Sensitivity	Color: 0.001 lux @ (F1.2, AGC on); b/w: 0.0003 lux @ (F1.2, AGC on)
Electronic shutter speed	1 to 1/100,000 s
Slow shutter support	Yes
P/N	P/N
Wide dynamic range WDR	140 dB
Day/night mode	IR filter
Adjusting the viewing angle	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 355°
Power-off position memory	Yes

Focusing	Automatic, semi-automatic, manual
Lens type and viewing angle	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°
Aperture	From 2.8 to 12 mm: F1.2-F2.5 From 8 to 32 mm: from F1.7 to F1.73
Lens mount	Built-in
Blue Glass Module	The module is used to reduce the backscattering effect
P-Iris	Yes

IR range	From 2.8 to 12 mm: 30 m From 8 to 32 mm: 50 m
Wavelength	850 nm
Additional smart lighting	Yes

Maximum resolution	2680×1520
Main thread	50 Hz: 25 fps (2680 × 1520,2560 × 1440,1920 × 1080,1280 × 720) 60 Hz: 30 fps (2680 × 1520,2560 × 1440,1920 × 1080,1280 × 720)

Additional stream	50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480)
Third stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Fourth stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Fifth stream	50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480)
Custom Flow	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Video compression	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
Video bitrate	From 32 Kbps to 16 Mbps
H.264 profile	Baseline Profile/Main Profile/High Profile
H.265 profile	Main Profile
H.264+	For main thread
H.265+	For main thread
Bitrate	CBR/VBR
Stream type	Main Stream/Secondary Stream/Third Stream/Fourth Stream/Fifth Stream/Custom Stream
S.V.C.	H.265 and H.264 supported
Region of interest (ROI)	4 fixed areas for each thread

Environmental Noise Filter	Yes
Sampling frequency	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Audio compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3
Audio bitrate	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)
Audio type	Mono

Simultaneous real-time viewing	Up to 20 channels
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP
Protocols	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
Smooth Streaming	Yes
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Safety	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
Network storage	MicroSD/SDHC/SDXC card (256 GB) and NAS (NFS, SMB/CIFS), ANR Support for Hikvision memory card, encryption and diagnostics of memory card.
Client	HikCentral Pro (recommended), iVMS-4200, Hik-Connect, Hik-Central
Web interface	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+

Intelligent IR illumination	The IR LEDs on the camera must support Intelligent IR to automatically adjust the power to prevent overexposure of the image.
Day/night mode	Day/Night/Automatic/Scheduled/Alarm
Cropping an image	Yes
Image overlay	Logo in bmp format 24 bit, size 128 x 128
Image enhancement	BLC, HLC, 3D DNR, Anti-fog, EIS, distortion correction
Picture Options Switch	Yes
Image Settings	Corridor mode, saturation, brightness, contrast, sharpness, saturation and white balance are adjustable via client software or web interface
SNR	≥ 52 dB

Alarm interface	1 input, 1 output (max. DC 24 V, 1 A)
Audio	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
RS-485	1 RS-485 (half duplex, HIKVISION, Pelco-P, Pelco-D, adaptive)
Video output	1V p-p composite output (75 ohm/CVBS), (debug only)
Local storage	Built-in slot for microSD/SDHC/SDXC card, up to 256 GB
Hard reset	Yes
Network interfaces	1 RJ45 auto 10M/100M/1000M Ethernet
Power output	DC 12 V, max. 200 mA (supported by all types of power supplies)

Main events	Motion detection, tamper detection, exceptions (network interruption, IP address conflict, unauthorized login, drive full, drive error)
Smart Events	Line crossing, up to 4 customizable lines Invasion, up to 4 customizable areas Login to an area, up to 4 custom areas Exit area, up to 4 custom areas Abandoned baggage detection, up to 4 customizable areas Move an object, up to 4 customizable areas Scene change detection, audio event detection, defocus detection
Count	Yes

Face recognition	Detection of up to 30 faces simultaneously; Required facial position for detection: supported left and right rotation from -60 to +60°, up and down tilt from -30 to +30°; Up to 3 customizable libraries, 30,000 face images each; Human recognition using facial modeling, evaluation and comparison with images in the library; Encryption of the image library
Multiple Target Detection	Simultaneous detection of human figure and face Obtaining 8 characteristic features of the face and 14 characteristic features of the human figure

Counting faces	Counting the number of people entering/exiting (tracking 30 targets simultaneously); Face recognition; Dynamic updating and updating of face images in libraries 24/7 (up to 3 libraries, 30,000 face images in each); Generating an alarm when a face is detected for which there is already the same image in the library.
Helmet presence/absence detection	Simultaneous recognition of up to 30 human targets Detection of up to 4 protected areas
Queue management	Determining the number of people in the queue and the waiting time for each person Generate reports to compare the performance of different queues and show the changing status of one queue Support for exporting raw data for further analysis
Perimeter protection	Line crossing, intrusion detection, area entry, area exit Alarm triggering for various types of objects (person, vehicle) False alarm filter: no response to movement of foliage, animals, flags, etc.

Bind method	Upload to FTP/NAS/memory card, notify monitoring center, send email, trigger alarm output, alarm recording, image capture Alarm recording: memory card, network storage, pre-record and post-record Image upload: FTP, SFTP, HTTP, NAS, Email Trigger notifications: HTTP, ISAPI, alarm output, Email
Online update	Yes
Double backup	Yes
Firmware version	V5.5.121
Web client 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, Chinese (traditional), Thai, Vietnamese, Japanese, Latvian, Lithuanian, Brazilian Portuguese, Ukrainian
Main functions	Anti-Flicker, 5 installed streams and up to 5 custom streams, EPTZ, Heartbeat, mirroring, area masking, password change by e-mail, pixel counting
Soft reset	Yes
Storage conditions	-30 to +60 °C, humidity 95% or less (non-condensing)

Working conditions	-30 to +60 °C
Nutrition	DC 12 V ± 20%, dual-core terminal block, reverse polarity protection; AC 24 V ± 20%; PoE: 802.3 af Type 1 Class 3
Power consumption	DC 12 V, 0.83 A, max. 9.96 W AC 24 V, 0.85 A, max. 12 W PoE: (802.3 af, 36 to 57 W), 0.35 to 0.21 A, max. 12 W
Power interface	Dual-core terminal block
Camera material	Aluminum alloy body
Camera size	Ø 140.5 × 122.6 mm (Ø 5.5 × 4.8″)
Packing size	244 × 174 × 173 mm (9.6 × 6.9 × 6.8″)
Camera weight	Approx. 950 g
Weight with packaging	Approx. 1300 g

Metadata	Metadata for intrusion detection, line crossing, area entry/exit, abandoned items detection, object movement detection, face capture and queue management.

Class	Class B
EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014) EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)
Safety.	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013); BIS (IS 13252 (Part 1):2010+A1:2013+A2:2015); LOA (IEC/EN 60950-1)

Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Security Standards	Ingress protection: IK10 (IEC 62262:2002)

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