

Code: IDS-2CD7A86G0-IZHSY(2.8-12MM)

## IP CAMERA **IDS-2CD7A86G0-IZHSY(2.8-12MM)** - 8.3 Mpx 4K UHD 2.8 ... 12 mm - MOTOZOOM Hikvision

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 8.3 MPx, 4K UHD. Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. This is a camera from the Darkfighter series, designed for work in difficult lighting conditions.

The used motozoom lens with 2.8 ... 12 mm focal length allows to remote view angle adjustment.

PoE powering possibility, compatible with the 802.3at standard makes the device more universal and easier to install.



Standard:	TCP/IP
Sensor:	1/1.8 " Progressive Scan CMOS
Matrix size:	8.3 Mpx 4K UHD
Resolution:	3860 x 2160 - 8.3 Mpx 4K UHD , 3072 x 1728 - 5.3 Mpx , 2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p
Lens:	2.8 ... 12 mm - Motozoom
View angle:	112 ° ... 41 ° (manufacturer data)
Range of IR illumination:	50 m
Compression:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Main stream frame rate:	25 fps - 8.3 Mpx
Network interface:	10/100/1000 Base-T (RJ-45)
Network protocols:	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, IEEE 802.1x, QoS, IPv6, UDP, Bonjour, SSL / TLS



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ONVIF:	✓
WEB Server:	Built-in
Max. number of on-line users:	32
Memory card slot:	Micro SD memory cards up to 1TB support (possible local recording)
Alarm inputs / outputs:	2 / 2
Audio:	<ul style="list-style-type: none"><li>• External microphone input - JACK mono</li><li>• Audio output - JACK mono</li><li>• Bi-directional audio streaming support</li><li>• Audio detection</li><li>• Noise reduction</li></ul>
RS-485 interface:	✓
Wiegand interface:	—
Mobile phones support:	Port no.: 8000 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: Free application <a href="#">Hik-Connect</a></li><li>• iOS: Free application <a href="#">Hik-Connect</a></li></ul>
Main features:	<ul style="list-style-type: none"><li>• Motozoom lens</li><li>• WDR - 120 dB - Wide Dynamic Range</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• BLC/HLC - Back Light / High Light Compensation</li><li>• EIS - Electronic Image Stabilization</li><li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li><li>• AGC - Automatic Gain Control</li><li>• Day/night mode</li><li>• Auto White Balance</li><li>• Privacy zones</li><li>• Motion Detection</li><li>• ROI - improve the quality of selected parts of image</li><li>• EIS - Electronic Image Stabilization</li><li>• NAS - Network Attached Storage support</li><li>• ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its</li><li>• Power output : 12 V DC / 100 mA</li><li>• Protections : IP Filter, HTTPS</li><li>• The device has a built-in heater</li> <li>• Intelligent image analysis :<ul style="list-style-type: none"><li>• intrusion</li><li>• crossing the line (tripwire)</li><li>• detection of entry into the area / exit from the area</li><li>• object detection (people, vehicle)</li><li>• people counting</li><li>• queue management</li><li>• face detection - detection of up to 60 faces simultaneously</li><li>• Face recognition - Support for up to 10 face databases, including 30 000 face images, comparing faces with a database containing max. 150 000 face images</li><li>• heat map</li></ul></li></ul>
Power supply:	<ul style="list-style-type: none"><li>• PoE (802.3at),</li><li>• 12 V DC / 1.19 A</li></ul>
Power consumption:	<ul style="list-style-type: none"><li>• ≤ 16.8 W @ PoE (802.3at)</li><li>• ≤ 14.28 W @ 12 V DC</li></ul>
Housing:	Compact, Aluminum alloy Corrosion protection in accordance with the requirements of NEMA 4X
Color:	White + Black



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"Index of Protection":	IP67
Vandal-proof:	IK10
Operation temp:	-40 °C ... 60 °C
Weight:	1.95 kg (with bracket)
Dimensions:	Ø 140 x 351 mm
Supported languages:	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Ukrainian, Hungarian, Italian
SAP Code:	311316493
Manufacturer / Brand:	Hikvision
Guarantee:	<b>3 years</b>

