

Code: DS-2CD2T86G2-2I(2.8MM)(C)

## IP CAMERA **DS-2CD2T86G2-2I(2.8MM)(C)** AcuSense - 8.3 Mpx 4K UHD Hikvision

IP camera with efficient H.265 / H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 3840 x 2160 - 4K.

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

Powered by Darkfighter - the camera has very good sensitivity, dedicated to poor lighting conditions.



Standard:	TCP/IP
Sensor:	1/1.8 " Progressive Scan CMOS
Matrix size:	8.3 Mpx
Resolution:	3840 x 2160 - 8.3 Mpx 4K UHD , 3200 x 1800 - 6 Mpx , 2688 x 1520 - 4 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p
Lens:	2.8 mm
View angle:	<ul style="list-style-type: none"> <li>• 111 ° (manufacturer data)</li> <li>• 105 ° (our tests result)</li> </ul>
Compression:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Range of IR illumination:	60 m
Alarm inputs / outputs:	—
Audio:	—
Memory card slot:	Micro SD memory cards up to 256GB support (possible local recording)
Main stream frame rate:	25 fps @ 8.3 Mpx



# DATA SHEET

Network interface:	10/100 Base-T (RJ-45)
Network protocols:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, IEEE 802.1x, QoS, IPv4/IPv6, UDP, Bonjour, SSL / TLS, PPPoE, SNMP, ARP
WEB Server:	Built-in
Max. number of on-line users:	6
ONVIF:	18.12
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>
Default admin user / password:	admin / - The administrator password should be set at the first start
Default IP address:	192.168.1.64
Web browser access ports:	80
PC client access ports:	Port no.: 8000 or access by a cloud (P2P) - iVMS-4200 application
Mobile client access ports:	8000
Port ONVIF:	80
RTSP URL:	<ul style="list-style-type: none"><li>• Main stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ - with authorization</li><li>• Sub stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ - with authorization</li></ul>
RS-485 interface:	—
Main features:	<ul style="list-style-type: none"><li>• Camera from AcuSense series</li><li>• The "Darkfighter" series cameras provide a clear color image even at very poor lighting</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>• ROI - improve the quality of selected parts of image</li><li>• EXIR - high-efficiency infrared LEDs technology, which evenly covers the whole plan of both central vantage points of the scene as well as the corners</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>• Anti-Flicker - The technology eliminates the tiring eyes flickering image effect</li><li>• Day/night mode</li><li>• ICR - Movable InfraRed filter</li><li>• AGC - Automatic Gain Control</li><li>• Auto White Balance</li><li>• Possibility to change the resolution, quality and bit rate</li><li>• Mirror - Mirror image</li><li>• Configurable Privacy Zones</li><li>• Motion Detection</li><li>• Sharpness - sharper image outlines</li><li>• Filtering of false alarms based on the recognition of persons and vehicles</li><li>• Intelligent image analysis : intrusion, crossing the line (tripwire), detection of entry into the area / exit from the area, scene changing, face detection, advanced face capture features</li></ul>
Power supply:	<ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• 12 V DC / 630 mA</li></ul>
Power consumption:	<ul style="list-style-type: none"><li>• ≤ 9 W @ PoE (802.3af)</li><li>• ≤ 7.5 W @ 12 V DC</li></ul>



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Housing:	Compact, Metal
Color:	White
"Index of Protection":	IP67
Operation temp:	-30 °C ... 60 °C
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
Weight:	1.08 kg
Dimensions:	Ø 105 x 290 mm
Manufacturer / Brand:	Hikvision
SAP Code:	311315431
Guarantee:	<b>3 years</b>