

Code: DS-2CD1643G0-IZ(2.8-12MM)

IP CAMERA **DS-2CD1643G0-IZ(2.8-12MM)** - 3.7 Mpx Hikvision

IP camera with efficient H.265 / H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 2560 x 1440 (3.7 MPx). Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. The built-in vari-focal lens allows to set very wide range of camera view angles.

Very easy operation by Internet Explorer browser allows the users to convenient and remote support, and also remote management of the camera. Included camera software enables management and integrated monitoring of many network cameras.



Standard:	TCP/IP
Sensor:	1/3 " Progressive Scan CMOS
Matrix size:	4.0 Mpx
Resolution:	2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3.0 Mpx , 1920 x 1080 - 1080p 1280 x 720 - 720p
Lens:	2.8 ... 12 mm - AutoFocus
View angle:	<ul style="list-style-type: none"> • 98 ° ... 28 ° (manufacturer data) • 97 ° ... 30 ° (our tests result)
Compression:	H.265 / H.265+ / H.264 / H.264+ / MJPEG
Range of IR illumination:	30 m
Alarm inputs / outputs:	—
Bitrate:	32 ... 8192 kbps
Main stream frame rate:	20 fps @ 3.7 Mpx 25 fps @ 3.0 Mpx
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, IEEE 802.1x, QoS, IPv6, UDP, Bonjour
Audio:	—



DATA SHEET

WEB Server:	Built-in, NVR compliance
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Mobile phones support:	Port no.: 8000 or access by a cloud (P2P) <ul style="list-style-type: none">• Android: Free application iVMS-4500 or Hik-Connect• iOS (iPhone): Free application iVMS-4500 or Hik-Connect
Default admin user / password:	admin / -
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">• Main stream rtsp://192.168.1.64:554/Streaming/Channels/101/ - RTSP - without authorization rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ - with authorization• Sub stream rtsp://192.168.1.64:554/Streaming/Channels/102/ - RTSP - without authorization rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ - with authorization
RS-485 interface:	—
Max. number of on-line users:	6
Main features:	<ul style="list-style-type: none">• WDR - 120 dB - Wide Dynamic Range• 3D-DNR - Digital Noise Reduction• ROI - improve the quality of selected parts of image• Anti-Flicker - The technology eliminates the tiring eyes flickering image effect• AGC - Automatic Gain Control• WB - White Balance (ATW/AWB/manual/indoor/outdoor)• BLC - configurable Back Light Compensation• ICR - Movable InfraRed filter• Day/Night mode (color/b&w/auto)• Motion Detection• Configurable Privacy Zones• Mirror - Mirror image• Sharpness - sharper image outlines
Power supply:	<ul style="list-style-type: none">• PoE (802.3af),• 12 V DC / 900 mA
Power consumption:	≤ 12.9 W @ PoE (802.3af) ≤ 11 W @ 12 V DC
Operation temp:	-30 °C ... 60 °C
Housing:	Compact, Metal
Color:	White
"Index of Protection":	IP67
Supported languages:	Polish, English, French, Spanish, Portuguese, Russian, Turkish, Italian
Weight:	0.72 kg
Dimensions:	Ø 105 x 245



DATA SHEET

SAP Code:	311300853
Manufacturer / Brand:	Hikvision
Guarantee:	3 years