

Code: DS-2CD45C5F-IZ(2.8-12MM)

IP VANDALPROOF CAMERA **DS-2CD45C5F-IZ(2.8-12MM)** - 12 Mpx Hikvision

IP camera with efficient H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 4000 x 3000 (12.0 MPx). Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition.

The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

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

Camera is according to IP66 Index of Protection norm.



Standard:	TCP/IP
Sensor:	1/1.7 " Progressive Scan CMOS
Matrix size:	12 Mpx
Resolution:	4000 x 3000 - 12 Mpx , 4096 x 2160 - 8.8 Mpx , 3840 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:	94 ° ... 32 °
Range of IR illumination:	40 m
RS-485 interface:	✓
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Image compression method:	H.264 / H.264+ / MJPEG
Alarm inputs / outputs:	1 / 1
Audio:	• External microphone input • Audio output • Bi-directional audio streaming support • Audio detection



DATA SHEET

Bitrate:	32 ... 16384 kbps
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, IEEE 802.1x, QoS, IPv6, Bonjour
WEB Server:	Built-in, Web Viewer
Max. number of on-line users:	20
ONVIF:	2.4
Mobile phones support:	Port no.: 8000 or access by a cloud (P2P) • 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:	• 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
Main stream frame rate:	• 15 fps @ 12 Mpx • 25 fps @ 8.3 Mpx 4K UHD
Main features:	• D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • F-DNR (Defog) - Reduction of image noise caused by precipitation • ICR - Movable InfraRed filter • BLC/HLC - Back Light / High Light Compensation • 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 • Intelligent Image Analysis : Lens focus loss detection, intrusion, crossing the line (tripwire), detection of entry into the area / exit from the area, abandoned/missing object, scene changing, face detection, people counting • Day/Night mode (color/b&w/auto) • Motion Detection • Sharpness - sharper image outlines
Power supply:	• PoE (802.3af), • 12 V DC / 1 A, • 24 V AC / 500 mA
Power consumption:	≤ 12 W
Housing:	Dome - Metal
Color:	White
Vandal-proof:	IK10



DATA SHEET

"Index of Protection":	IP67
Operation temp:	-30 °C ... 60 °C
Weight:	1.38 kg
Dimensions:	Ø 165 x 127 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, Hungarian, Italian
SAP Code:	300808298
Manufacturer / Brand:	Hikvision
Guarantee:	3 years