DATA SHEET

Code: DS-2CD4535FWD-IZH(2.8-12MM)

IP VANDALPROOF CAMERA **DS-2CD4535FWD-IZH(2.8-12MM)** - 3 Mpx

Hikvision

IP camera with efficient H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p. Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. The used motozoom lens with 2.8 ... 12 mm focal length allows to remote view angle adjustment.
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 802.3at standard makes the device more universal and easier to install.



Standard:	TCP/IP
Sensor:	1/2.8 " Progressive Scan CMOS
Matrix size:	3 Mpx
Resolution:	2048 x 1536 - 3 Mpx , 1920 x 1080 - 1080p 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p
Lens:	2.8 ... 12 mm - Motozoom
View angle:	86 ° ... 27 °
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

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Bitrate:	32 kbps ... 16384 kbps @ H.264
Network interface:	10/100/1000 Base-T (RJ-45)
Network protocols:	TCP/IP, UDP, 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
Main stream frame rate:	45 fps @ 3 Mpx 50 fps @ 1080p
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 / - 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:	• 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 features:	• Motozoom lens • WDR - 120 dB - 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 • IP addresses filtering • ICR - Movable InfraRed filter • WB - White Balance (ATW/AWB/manual/indoor/outdoor) • BLC/HLC - Back Light / High Light Compensation • Motion Detection • Heat map - the selection in the image by corresponding colors the areas with different traffic • Intelligent Image Analysis : crossing the line (tripwire), intrusion, abandoned/missing object, detection of entry into the area / exit from the area, scene changing, face detection, people counting • Sharpness - sharper image outlines • RESET button • The device has a built-in heater
Power supply:	• PoE (802.3at), • 12 V DC / 1.4 A, • 24 V AC / 1 A
Power consumption:	≤ 17 W

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Housing:	Dome - Metal
Color:	White
Vandal-proof:	IK10
"Index of Protection":	IP66
Operation temp:	-30 °C ... 60 °C
Weight:	1.38 kg
Dimensions:	Ø 165 x 127 mm
Supported languages:	Polish, English, Bulgarian, Chinese, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Vietnamese, Italian
Manufacturer / Brand:	Hikvision
SAP Code:	300807242
Guarantee:	**3 years**

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