DATA SHEET

Code: DS-2CD2045FWD-I(2.8mm)

IP CAMERA **DS-2CD2045FWD-I(2.8mm)** - 4 Mpx Hikvision

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 2688 x 1520 (4.0 MPx).
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:	1/2.5 " Progressive Scan CMOS
Matrix size:	4 Mpx
Resolution:	2688 x 1520 - 4 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p
Lens:	2.8 mm
View angle:	• 109 ° (manufacturer data) • 106 ° (our tests result)
Compression:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Range of IR illumination:	30 m
Alarm inputs / outputs:	–
Audio:	–
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Bitrate:	32 ... 16384 kbps - H.264 / H.265
Main stream frame rate:	25 fps @ 4 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, SNMP, IGMP, PPPoE, IEEE 802.1x, QoS, IPv6, Bonjour
WEB Server:	Built-in, NVR compliance

DELTA-OPTI Monika Matysiak; https://www.delta.poznan.pl
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60

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Max. number of on-line users:	6
ONVIF:	16.12
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
RS-485 interface:	–
Main features:	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • 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 • Anti-Flicker - The technology eliminates the tiring eyes flickering image effect • BLC - configurable Back Light Compensation • AGC - Automatic Gain Control • ICR - Movable InfraRed filter • Day/Night mode (color/b&w/auto) • Configurable Privacy Zones • Motion Detection • Mirror - Mirror image • Sharpness - sharper image outlines • RESET button • Intelligent Image Analysis : abandoned/missing object, intrusion, crossing the line (tripwire), scene changing, face detection
Power supply:	• PoE (802.3af), • 12 V DC / 450 mA
Power consumption:	• ≤ 7 W @ PoE (802.3af) • ≤ 5.5 W @ 12 V DC
Housing:	Compact, Metal
Color:	White
"Index of Protection":	IP67
Vandal-proof:	–
Operation temp:	-30 °C ... 60 °C

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e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60

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
Weight:	0.42 kg
Dimensions:	Ø 70 x 155 mm
Manufacturer / Brand:	Hikvision
SAP Code:	311302985
Guarantee:	**3 years**

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