

Code: DS-2CD2545FWD-IS(BLACK)(2.8MM)

IP VANDALPROOF CAMERA **DS-2CD2545FWD-IS(BLACK)(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.



Standard:	TCP/IP
Sensor:	1/2.5 " Progressive Scan CMOS
Matrix size:	4 Mpx
Scanning system:	Progressive
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) • 104 ° (our tests result)
Range of IR illumination:	10 m
RS-485 interface:	—
Image compression method:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Alarm inputs / outputs:	1 / 1
Audio:	• Microphone built-in, • External microphone input, • Audio output, • Bi-directional audio streaming support
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Main stream frame rate:	25 fps @ 4 Mpx
Network interface:	10/100 Base-T (RJ-45)



DATA SHEET

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 UDP Bonjour SSL / TLS
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) • Android: Free application Hik-Connect • iOS: Free application 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://user:password@192.168.1.64:554/Streaming/Channels/101/ - with authorization • Sub stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ - with authorization
Main features:	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • Anti-Flicker - The technology eliminates the tiring eyes flickering image effect • 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 • ROI - improve the quality of selected parts of image • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • Possibility to change the resolution, quality and bit rate • Motion Detection • Configurable Privacy Zones • Mirror - Mirror image • Sharpness - sharper image outlines • Intelligent Image Analysis : intrusion, crossing the line (tripwire), abandoned/missing object, scene changing, video tampering, face detection
Power supply:	• PoE (802.3af), • 12 V DC / 710 mA
Power consumption:	$\leq 10 \text{ W @ PoE (802.3af)}$ $\leq 8.5 \text{ W @ 12 V DC}$
Housing:	Dome, Metal + Plastic
Color:	Black
"Index of Protection":	IP66
Vandal-proof:	IK08
Operation temp:	-30 °C ... 60 °C
Weight:	0.42 kg
Dimensions:	Ø 120 x 67 mm



DATA SHEET

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, Vietnamese, Italian
Manufacturer / Brand:	Hikvision
SAP Code:	311304737
Guarantee:	3 years