

DS-2CD2543G2-IS

NVR for IP Cameras



Specifications

Model	DS-2CD2543G2-IS
Brand	Hikvision
Növ	IP
Meqapixel	4 MP
Mikrofon	Mic
Obyektiv	Sabit
Fokus	2.8mm
???qland?rma	İR
???qland?rma m?saf?si	30 m
Qoruma	IP67
Material	Metal
Yadda?	MicroSD
?? mühiti	Indoor

KEY FEATURES

Camera

Matrix	1/3" Progressive Scan CMOS
Maximum resolution	2688×1520
Electronic shutter speed	1/3 to 1/100,000 s
Sensitivity	Color: 0.005 Lux @ (F1.6, AGC on), B/W: 0 Lux with IR
Day/night mode	IR filter
Adjusting the viewing angle	Pan: -30 to +30°, Tilt: 0 to 75°, Rotation: 0 to 360°

Lens

Lens type	Fixed lens 2.8 and 4 mm (optional)
Focal length and viewing angle	2.8 mm, horizontal: 104.3°, vertical: 55.9°, diagonal: 123.8° 4 mm, horizontal: 83.7°, vertical: 43.0°, diagonal: 100.3°
Lens mount	M12
Aperture type	Fixed
Aperture	F1.6
Depth of field	2.8 mm: 1.4 m to ∞ 4 mm: 1.6 m to ∞

DORI

DORI	2.8 mm, D: 64 m, O: 25 m, R: 13 m, I: 6 m 4 mm, D: 85 m, O: 34 m, R: 17 m, I: 9 m
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Backlight

Backlight type	IR illumination
Additional backlight range	Up to 30 m
Additional smart lighting	Eat
Infrared waves	850 nm

Video

Main thread	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Additional stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Third stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) * Third the stream is available under certain settings.
Video compression	Main Stream: H.265 / H.264 / H.265+ / H.264+ Sub Stream: H.265 / H.264 / MJPEG Third Stream: H.265 / H.264 * Third Stream is available with certain settings.
Video bitrate	From 32 Kbps to 8 Mbps

H.264 profile	Baseline Profile / Main Profile / High Profile
H.265 profile	Main Profile
Bitrate	CBR/VBR
S.V.C.	H.264 and H.265 encoding
Region of interest (ROI)	1 fixed area for the main stream and for the additional stream

Audio

Environmental noise filtering	Eat
Sampling frequency	8 kHz / 16 kHz / 32 kHz / 44.1 kHz / 48 kHz
Audio compression	G.711ulaw / G.711alaw / G.722.1 / G.726 / MP2L2 / PCM / MP3 / AAC
Audio bitrate	64 Kbps (G.711ulaw/G.711alaw) / 16 Kbps (G.722.1) / 16 Kbps (G.726) / 32 to 192 Kbps (MP2L2) / 8 to 320 Kbps /s (MP3) / 16 to 64 Kbps (AAC)

Net

Simultaneous real-time viewing	Up to 6 channels
API	Open network video interface (PROFILE S, PROFILE G), ISAPI, SDK
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X (except -W models), QoS, IPv6, UDP, Bonjour, SSL /TLS, PPPoE
User/host	Up to 32 users 3 user levels: administrator, operator and user
Safety	Password protection, strong password, HTTPS encryption, IP address filtering, security audit log, basic and digest authentication for HTTP/HTTPS, TLS 1.1 1.2, WSSE and digest authentication of open network video interfaces
Network storage	NAS (NFS, SMB/CIFS), ANR
Client	iVMS-4200, Hik-Connect, Hik-Central
Web interface	Live view plugin required: IE 10, IE 11 Live view plugin not required: Chrome 57.0+, Firefox 52.0+ Local services: Chrome 57.0+, Firefox 52.0+

WiFi

Encryption mode	Models with -W: 64 / 128 bit WEP, WPA-EAP / WPA2-EAP, WPA-PSK / WPA2-PSK
WiFi	Models with -W: 802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM
Frequency range	Models with the letter -W: from 2.4 to 2.4835 GHz
Channel width	Models with -W: 20 / 40 MHz
Modulation	Models with -W: 802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM
Data transfer rate	Models with -W: 802.11b: 11 Mbps 802.11g: 54 Mbps 802.11n: up to 300 Mbps
Transmission range	-W models: up to 80 m (performance varies depending on environmental conditions)

Image

Wide Dynamic Range (WDR)	120 dB
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SNR	≥ 52 dB
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Day/night mode	Day / Night / Automatic / Scheduled
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Image enhancement	BLC, HLC, 3D DNR
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