



Hikvision DS-2CD3686G2HT-LIZSY

Network Camera · Specification summary



Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	3840 × 2160
Day & Night	IR cut filter
Wide Dynamic Range (WDR)	130 dB
Material	Front cover: Metal, body: Metal, bracket: Metal
Dimensions	334 mm × 97.9 mm × 95.7 mm
Min. Illumination	Color: 0.0028 Lux @ (F1.2, AGC ON), 0 Lux with light
Shutter Time	1/3 s to 1/100,000 s
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Lens Type	Varifocal lens, motorized lens, 2.7 to 13.5 mm
Focal Length & FOV	2.7 to 13.5 mm, horizontal FOV 112.3° to 41.2°, vertical FOV 58.1° to 23.1°, diagonal FOV 137.4° to 47.3°
Lens Mount	Integrated
Focus	Auto, Semi-auto, Manual
Iris Type	DC iris
Aperture	F1.2
Depth of Field	1 m to ∞
DORI	Wide: D: 87 m, O: 35 m, R: 17 m, I: 9 m Tele: D: 216 m, O: 86 m, R: 43 m, I: 22 m
Supplement Light Type	IR, White Light
Supplement Light Range	Up to 60 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Open Resources	Memory: 40 MB, Smart RAM: 350 MB, eMMC: 2 GB
Computing Power	1.5 TOPS
Open Capability	HEOP 2.0 OpendevSDK
Deep Learning Structure	Caffe, PyTorch, TensorFlow, PaddlePaddle, ONNX
Programming Language	C, C++
Main Stream	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160), 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 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)
Fourth Stream	50 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360)
Video Compression	Main stream: H.265/H.264/H.264+/H.265+, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, Fourth stream: H.265/H.264/MJPEG, *Third stream and fourth stream are supported under certain settings.
Video Bit Rate	32 Kbps to 16 Mbps
Simultaneous Live View	Up to 6 channels
Network Storage	NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR), Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
Image Parameters Switch	Yes

Specifications are summarised from the manufacturer's published information (checked 2026-10-25). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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