



Hikvision DS-2CD2T86G2H-IS2U/SL

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)	120 dB
Material	Front cover: metal, body: metal, bracket: metal
Dimensions	286.7 mm × 93.1 mm × 91.2 mm
Min. Illumination	Color: 0.0008 Lux @ (F1.0, AGC ON), B/W: 0 Lux with IR
Shutter Time	1/3 s to 1/100,000 s
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 105°, vertical FOV 56°, diagonal FOV 130° 4 mm, horizontal FOV 90°, vertical FOV 47°, diagonal FOV 111°
Lens Mount	M16
Iris Type	Fixed
Aperture	F1.0
Depth of Field	2.8 mm: 3.3 m to ∞ 4 mm: 3.8 m to ∞
DORI	2.8 mm: D: 89 m, O: 35 m, R: 17 m, I: 8 m 4 mm: D: 109 m, O: 43 m, R: 21 m, I: 10 m
Supplement Light Type	IR
Supplement Light Range	Up to 60 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
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) *Third stream is supported under certain settings.

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, *Third stream is supported under certain settings.
Video Bit Rate	32 Kbps to 16 Mbps
Audio Type	Mono sound
Simultaneous Live View	Up to 6 channels
Network Storage	NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR)
Image Parameters Switch	Yes
Image Enhancement	BLC, HLC, 3D DNR, Defog
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Built-in Microphone	Yes, 2 built-in microphones
Built-in Speaker	Max. power consumption: 2 W, max. sound pressure level: 10 cm: 120 dB.
Alarm	1 input, 1 output (max. 24 VDC/24 VAC, 1 A)

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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