



Hikvision DS-2CE50DF3T-VPLFS

· Specification summary

Image Sensor	2 MP CMOS
Max. Resolution	1920 (H) × 1080 (V)
Slow Shutter	Max. 16 times
Min. Illumination	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light
Day & Night	ICR
Angle Adjustment	Pan: 0 to 355°, Tilt: 0 to 75°, Rotation: 0 to 355°
Signal System	PAL/NTSC
Shutter Time	PAL: 1/25 s to 1/50,000 s; NTSC: 1/30 s to 1/50,000 s
Lens Type	2.8 mm, 3.6 mm fixed focal lens
Focal Length & FOV	2.8 mm, horizontal FOV: 105°, vertical FOV: 56°, diagonal FOV: 123° 3.6 mm, horizontal FOV: 85°, vertical FOV: 46°, diagonal FOV: 98°
Lens Mount	M12
Supplement Light Type	IR, White Light
Supplement Light Range	IR: Up to 40 m, White Light: Up to 40 m
Smart Supplement Light	Yes
Image Parameters Switch	STD/HIGH-SAT/HIGHLIGHT
Image Settings	Brightness, Contrast, Sharpness, Anti-banding, AGC
Frame Rate	TVI: 1080p @30 fps, 1080p @25 fps AHD: 1080p @30 fps, 1080p @25 fps CVI: 1080p @30 fps, 1080p @25 fps CVBS: PAL/NTSC
Day/Night Mode	Auto
Wide Dynamic Range (WDR)	≥130 dB
Image Enhancement	WDR, BLC, HLC, Global, HLS
Privacy Mask	4 programmable privacy masks
Noise Reduction	3D DNR
White Balance	Auto, Manual
Video Output	Switchable TVI/AHD/CVI/CVBS
Alarm	Solid Light Alarm(White Light)
Built-in Microphone	Yes
Motion Detection	4 programmable motion areas
Power	12 VDC ± 25%, max.6.9 W,*You are recommended to use one power adapter to supply the power for one camera.
Material	Metal
Dimension	Ø121.5 mm × 97.6 mm (Ø4.78" × 3.84")

Weight	Approx. 510 g (1.12 lb.)
Operating Condition	-40 °C to 60 °C (-40 °F to 140 °F). Humidity 90% or less (non-condensing)
Communication	HIKVISION-C
Language	English
Protection	IP67, IK10
Audio Transmission	Audio over coaxial cable
Optional Accessories	DS-1272ZJ-120; DS-1272ZJ-120B; DS-1271ZJ-120 (optional)

Specifications are summarised from the manufacturer's published information (checked 2026-09-10). 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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