



Hikvision DS-2CD2T45G0P-I

Network Camera · Specification summary



Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	2688 × 1520
Day & Night	ICR Cut
Wide Dynamic Range (WDR)	120 dB
Material	Metal
Dimensions	Camera: Φ105 × 278 mm
DORI	Detect
Distance	3.6 m
Min. Illumination	0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
WDR	120 dB
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens Type	1.68 mm
Focus	Fixed
Aperture	F2.0
FOV	Horizontal: 180°, vertical: 101°, diagonal: 180°
Lens Mount	M12
IR Range	20 m
Wavelength	850 nm
Smart Supplement Light	Yes
Main Stream	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Sub-Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264 /MJPEG
Video Bit Rate	32 Kbps to 16 Mbps
Stream Type	Main stream, sub-stream

Smart Event	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Image Enhancement	BLC, HLC, EIS, Lens distortion, 3D DNR
Image Setting	Saturation, brightness, contrast, sharpness, rotate mode, white balance, AGC
Network Storage	micro SD/SDHC /SDXC (256 G) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
Simultaneous Live View	Up to 6 channels
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Hardware Reset	Yes
General Function	Privacy mask, heartbeat, mirror, flash log, password reset via e-mail, pixel counter

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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