



Hikvision DS-2TD2617-6/QA

Thermal & Optical Bi-spectrum Network Bullet Camera ·
Specification summary



Resolution	160 × 120
Image sensor	1/2.7" Progressive Scan CMOS
Focal length	6.2 mm
Video compression	Main Stream: H.265/H.264 Sub-Stream: H.265/H.264/MJPEG
Power supply	12 VDC ± 25%, ϕ 5.5 mm coaxial power plug PoE (802.3af, class 3)
Dimensions	358.3 mm × 113.5 mm × 115.2 mm (14.10" × 4.47" × 4.35")
Pixel Pitch	17 μm
Spectral Range	8 μm to 14 μm
NETD	<40 mK (@ 25 °C, F# = 1.1)
IFOV	2.74 mrad
Field of View	25.0° × 18.7° (H × V)
Min. Focusing Distance	0.6 m
Aperture	F1.1
Digital Zoom	× 2, × 4
Min. Illumination	0.0089Lux @(F1.6,AGC ON) ,0 Lux with IR
Shutter Speed	1s to 1/100,000s
Aperture (Range)	F1.6
WDR	120 dB
Target Coloration	Yes. Supported in white hot and black hot mode.
IR Distance	Up to 40 m
IR Intensity and Angle	Automatically adjusted
White Light Range	Up to 40 m
Visual Alarm	Yes. White light alarm with adjustable flashing frequencies
Audio alarm	Yes, for two types of audible alarm (VCA and Temperature Exception) 2 preset voice alerts (one for each) 6 importable user-defined voice alerts (6 options shared in the two types)
VCA	4 VCA rule types (line crossing, intrusion, region entrance, and region exiting), up to 8 VCA rules in total.
Temperature Measurement	3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1 line)
Temperature Range	- 20 °C to 150 °C (- 4 °F to 302 °F)
Temperature Accuracy	± 8 °C (± 14.4 °F)

General Function	Fire detection, smoking detection, sun-reflection filter
Main Stream	Thermal: 25 fps (1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240) Optical: 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub-stream	Thermal: 25 fps (704 × 576, 352 × 288, 320 × 240) Optical: 50 Hz: 25 fps (704 × 576, 352 × 288) 60 Hz: 30 fps (704 × 480, 352 × 240)
Network Storage	MicroSD/SDHC/SDXC card (up to 256 G) local storage, NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR)
Simultaneous Live View	Up to 20 channels
Alarm Input	2, alarm input (0-5 VDC)
Alarm Output	2, alarm output (alarm response actions configurable)
Alarm Action	recording/Relay output/Smart capture/FTP upload/Email linkage

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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