

DS-2CD2T43G0-I5 Datasheet

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Overview

Hikvision DS-2CD2T43G0-I5 is the 4 MP IR Fixed Bullet Network Camera.

Quick Spec

Table 1 shows the quick spec.

Model	DS-2CD2T43G0-I5
Image Sensor	1/3" Progressive Scan CMOS
Signal System	PAL/NTSC
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter time	1/3 s to 1/100,000 s
Slow shutter	Support
Lens	2.8 mm @ F1.6: horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm @F1.6: horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm @F1.6: horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58° 8 mm @F1.6: horizontal FOV: 39°, vertical FOV: 22°, diagonal FOV: 45°
Lens Mount	M12
Adjustment Range	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°
Day& Night	IR cut filter with auto switch
Wide Dynamic Range	120 dB
Digital noise reduction	3D DNR
Focus	Fixed
IR Range	up to 50 m

Product Details

Hikvision DS-2CD2T43G0-I5 provides these key features.

- 1/3" Progressive Scan CMOS
- 2688 x1520@30fps
- 2.8/4/6/8mm fixed lens
- Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
- H.265+, H.265, H.264+, H.264
- Three streams
- 120dB WDR
- 2 Behavior analyses, and face detection
- BLC/3D DNR/ROI/HLC
- IP67
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- 3-Axis adjustment

Compare to Similar Item

Table 2 shows the comparison.

Model	DS-2CD2T43G0-I5	DS-2CD2085FWD-I
Image Sensor	1/3" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Signal System	PAL/NTSC	PAL/NTSC

Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.01 lux @ (F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 Lux with IR
Shutter time	1/3 s to 1/100,000 s	1/3 s to 1/100,000 s
Slow shutter	Support	Support
Lens	2.8 mm @ F1.6: horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm @F1.6: horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm @F1.6: horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58° 8 mm @F1.6: horizontal FOV: 39°, vertical FOV: 22°, diagonal FOV: 45°	2.8 mm, horizontal field of view: 102° 4 mm, horizontal field of view: 79° 6 mm, horizontal field of view: 50° 8 mm, horizontal field of view: 40° 12 mm, horizontal field of view: 23°
Lens Mount	M12	M12
Adjustment Range	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Day& Night	IR cut filter with auto switch	IR cut filter with auto switch
Wide Dynamic Range	120 dB	120 dB
Digital noise reduction	3D DNR	3D DNR
Focus	Fixed	Fixed

Get More Information

Do you have any question about the DS-2CD2T43G0-I5?

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Specification

DS-2CD2T43G0-I5 Specification	
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Signal System	PAL/NTSC
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter time	1/3 s to 1/100,000 s
Slow shutter	Support
Lens	2.8 mm @ F1.6: horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm @F1.6: horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm @F1.6: horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58° 8 mm @F1.6: horizontal FOV: 39°, vertical FOV: 22°, diagonal FOV: 45°
Lens Mount	M12
Adjustment Range	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°
Day& Night	IR cut filter with auto switch
Wide Dynamic Range	120 dB
Digital noise reduction	3D DNR
Focus	Fixed
Compression Standard	
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
Video bit rate	256Kbps~16Mbps
Triple Streams	Yes

Image	
Max. Image Resolution	2688 × 1520
Frame Rate	50Hz:25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)
Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC/3D DNR/ROI/HLC
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness and white balance adjustable by client software or web browser
Target Cropping	No
ROI	1 fixed region for main stream and sub-stream
Day/Night Switch	Day/Night/Auto/Schedule
Network	
Network Storage	Support micro SD/SDHC/SDXC card (128G), flash memory, ANR
Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
General Function	One-key reset, Anti-Flicker, heartbeat, mirror, password protection, privacy mask, Watermark, IP address filtering
System Compatibility	ONVIF (Profile S, Profile G), ISAPI
Interface	
Communication Interface	1 RJ45 10M / 100M Ethernet interface
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
Smart Feature-set	
Behavior Analysis	Line crossing detection, intrusion detection
Line Crossing Detection	Cross a pre-defined virtual line
Intrusion Detection	Enter and loiter in a pre-defined virtual region
Recognition	Face Detection
General	
Operating Conditions	-30 °C ~ 60 °C (-22 °F ~ 140 °F) Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, PoE (802.3af Class3)
Power Consumption	-I5:12 VDC, 0.6A, max. 7.5W PoE (802.3af, 37V to 57V), 0.2A to 0.1A, max. 9.5W -I8:12 VDC, 0.95A, max. 11.5W PoE (802.3af, 37V to 57V), 0.35A to 0.1A, max. 12.5W
Weather Proof	IP67
IR Range	up to 50 m
Dimensions	Camera: Φ 105 × 299.7 mm (Φ 4.1" × 11.8")

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