

# DS-2CD2T47G2-LSU/SL

Model	DS-2CD2T47G2-LSU/SL
Brend	Hikvision
Növ	IP
Meqapixel	4 MP
İşıqlandırma	LED
İşıqlandırma məsafəsi	60 m
Mikrofon	Mic
Obyektiv	Sabit
Fokus	2.8
Qoruma	IP67
Material	Metal



## Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	Color: 0.0005 Lux @ (F1.0,AGC ON), 0 Lux with white light
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Wide Dynamic Range	130 dB
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Focal Length& FOV	2.8 mm, horizontal FOV 111.9°, vertical FOV 60.5°, diagonal FOV 133.6° 4 mm, horizontal FOV 95.2°, vertical FOV 50.6°, diagonal FOV 114.7° 6 mm, horizontal FOV 58.4°, vertical FOV 31°, diagonal FOV 68.7°
Lens Mount	M16
Aperture	F1.0
Depth of Field	2.8 mm: 3.1 m to ∞ 4 mm: 5.4 m to ∞ 6 mm: 12.1 m to ∞
DORI	
DORI	2.8 mm, D: 58.2 m, O: 23.1 m, R: 11.6 m, I: 5.8 m 4 mm, D: 77 m, O: 30.5 m, R: 15.4 m, I: 7.7 m 6 mm, D: 115.6 m, O: 45.9 m, R: 23.1 m, I: 11.6 m
Illuminator	
Smart Supplement Light	Yes
White Light Range	Up to 60 m
Visual Alarm	Yes
Video	
Max. Resolution	2688 × 1520

Main Stream	50 Hz: 25 fps (2688× 1520, 1920× 1080, 1280× 720) 60 Hz: 30 fps (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 streamis supported undercertain settings.
Video Compression	Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 *Third streamis supported undercertain settings.
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
H.264+	Main stream supports
H.265+	Main streamsupports
Bit Rate Control	CBR/VBR



Scalable VideoCoding (SVC)	H.265 and H.264encoding
Region of Interest (ROI)	1 fixed regionfor main streamand sub-stream
Audio	
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/ PCM/MP3/AAC-LC
Audio BitRate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps(G.722.1)/ 16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps(MP3)/16 to 64 Kbps (AAC-LC)
Audio Sampling Rate	8 kHz/16 kHz/32kHz/44.1 kHz/48 kHz
Environment NoiseFiltering	Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6,UDP, Bonjour, SSL/TLS, PPPoE, SNMP, ARP, WebSocket, WebSockets
Simultaneous LiveView	Up to 6 channels

API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Security	Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface
Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR), MicroSD/SDHC/SDXC card (512 GB) local storage Together with high-end Hikvision memory card, memory card encryption and health detection are supported
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required liveview: IE 10, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
Day/Night Switch	Auto, Schedule
SNR	≥ 52 dB
Image Enhancement	BLC, HLC, 3D DNR
Interface	
Ethernet Interface	1 RJ45 10 M/100M 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
Built-in Speaker	2 W, 10 cm: 97 dB
Audio	1 input (line in), two-core terminal block , max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium 1 output (line out), two-core terminal block , max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Alarm	1 input, 1 output (max. 24 VDC/24 VAC, 1 A)
Reset Key	Yes

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Event	
Basic Event	Motion detection (human and vehicle targets classification), videotampering alarm, exception
Smart Event	Scene change detection
Deep Learning Function	
Face Capture	Yes
Perimeter Protection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection Supports human and vehicle targets classification
General	
Linkage Method	Upload to NAS/memory card/FTP, notify surveillance center, trigger recording trigger capture, send email, strobe light, audible warning, trigger alarm output
Material	Aluminum alloy body
Dimension	289.5 mm × Ø105 mm (11.4" × Ø4.1")
Package Dimension	386 mm × 156 mm × 155 mm (15.2" × 6.1" × 6.1")
Weight	Approx. 1165 g (2.6 lb.)
With Package Weight	Approx. 1639 g (3.6 lb.)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Language	33 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
General Function	Anti-flicker, heartbeat, mirror, privacy mask, flashlog, password reset via email, pixel counter
Firmware Version	V5.5.114
Software Reset	Yes
Power Consumption and Current	12 VDC, 0.67 A, max. 8 W PoE (802.3af, 36 V to 57 V), 0.25 A to 0.16 A, max. 9 W
Power Supply	12 VDC ± 25%, reverse polarity protection PoE: 802.3af, Class 3

<b>Power Interface</b>	Ø5.5 mm coaxialpower plug
<b>Approval</b>	
<b>EMC</b>	FCC SDoC:47 CFR Part15, Subpart B; CE-EMC: EN 55032: 2015,EN 61000-3-2: 2014,EN 61000-3-3: 2013,EN 50130-4: 2011 +A1: 2014; RCM: AS/NZSCISPR 32: 2015; IC VoC: ICES-003: Issue6, 2016; KC: KN 32: 2015,KN 35: 2015
<b>Safety</b>	UL: UL 60950-1; CB: IEC 60950-1:2005 + Am 1:2009+ Am 2:2013, IEC 62368-1:2014; CE-LVD: EN 60950-1:2005 + Am 1:2009+ Am 2:2013, IEC 62368-1:2014; LOA: IEC/EN60950-1
<b>Environment</b>	CE-RoHS: 2011/65/EU; WEEE: 2012/19/EU; Reach: Regulation (EC) No 1907/2006
<b>Protection</b>	IP67: IEC 60529-2013