

# 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: 23.1m, R: 11.6 m, I: 5.8 m 4 mm, D: 77 m, O: 30.5m, R: 15.4 m, I: 7.7 m 6 mm, D: 115.6m, O: 45.9m, 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 stream is supported under certain 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 stream is supported under certain 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 stream supports
Bit Rate Control	CBR/VBR

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Scalable Video Coding (SVC)	H.265 and H.264 encoding
Region of Interest (ROI)	1 fixed region for main stream and sub-stream
Audio	
Audio Compression	G.711 ulaw/G.711 alaw/G.722.1/G.726/MP2L2/ PCM/MP3/AAC-LC
Audio Bit Rate	64 Kbps (G.711 ulaw/G.711 alaw)/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/32 kHz/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 anduser
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 NetworkVideo Interface
Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR), MicroSD/SDHC/SDXC card (512 GB) local storage Together withhigh-end Hikvision memorycard, memory cardencryption 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: Chrome57.0+, 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, whitebalance 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 cardslot, support microSD/ microSDHC/microSDXC card,up to 512 GB
Built-in Microphone	Yes
Built-in Speaker	2 W, 10 cm:97 dB

<b>Audio</b>	<p>1 input (line in),two-core terminal block , max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium</p> <p>1 output(line out),two-core terminal block , max.output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium</p>
<b>Alarm</b>	1 input, 1 output (max.24 VDC/24 VAC,1 A)
<b>Reset Key</b>	Yes



<b>Event</b>	
<b>Basic Event</b>	<p>Motion detection (human and vehicle targets classification), videotampering alarm, exception</p>
<b>Smart Event</b>	Scene change detection
<b>Deep Learning Function</b>	
<b>Face Capture</b>	Yes
<b>Perimeter Protection</b>	<p>Line crossing detection, intrusion detection, region entrance detection, region exiting detection Supports human and vehicle targets classification</p>
<b>General</b>	
<b>Linkage Method</b>	<p>Upload to NAS/memory card/FTP, notify surveillance center, trigger recording trigger capture, send email, strobe light, audible warning, trigger alarm output</p>
<b>Material</b>	Aluminum alloy body
<b>Dimension</b>	289.5 mm × Ø105 mm (11.4" × Ø4.1")
<b>Package Dimension</b>	386 mm × 156 mm × 155 mm (15.2" × 6.1" × 6.1")
<b>Weight</b>	Approx. 1165 g (2.6 lb.)
<b>With Package Weight</b>	Approx. 1639 g (3.6 lb.)
<b>Storage Conditions</b>	<p>-30 °C to 60 °C (-22 °F to 140°F). Humidity 95% or less(non-condensing)</p>

<b>Startup and Operating Conditions</b>	-30 °C to 60 °C (-22°F to 140 °F). Humidity 95% or less(non-condensing)
<b>Language</b>	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
<b>General Function</b>	Anti-flicker, heartbeat, mirror, privacy mask, flashlog, password reset via email, pixel counter
<b>Firmware Version</b>	V5.5.114
<b>Software Reset</b>	Yes
<b>Power Consumption and Current</b>	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
<b>Power Supply</b>	12 VDC ± 25%, reverse polarity protection PoE: 802.3af, Class 3
<b>Power Interface</b>	Ø5.5 mm coaxial power plug
<b>Approval</b>	
<b>EMC</b>	FCC SDoC: 47 CFR Part 15, 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/NZS CISPR 32: 2015; IC VoC: ICES-003: Issue 6, 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/EN 60950-1
<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