



Hikvision DS-2CD1383G2-LIUF/SL

· Specification summary

Device class	8 MP fixed turret network camera
Image sensor	1/2.7-inch progressive-scan CMOS.
Maximum image resolution	3840 × 2160, the 8 MP reference.
Minimum-illumination conditions	Colour: 0.01 lux at F2.0 with AGC on; black-and-white: 0 lux with IR. This does not promise colour detail at zero light.
Shutter and day/night optics	1/3 s to 1/100,000 s shutter range; an IR-cut filter is listed.
Manual installation adjustment	Pan 0–360°, tilt 0–75° and rotate 0–360° are installation adjustments, not motorized PTZ, zoom or automatic tracking.
Fixed-lens options	Separate 2.8 mm and 4 mm fixed-focal lenses are listed. Choose the actual ordered lens; this is not a motorized zoom range or two included lenses.
2.8 mm field of view	At 2.8 mm: horizontal 113°, vertical 62°, diagonal 134°.
4 mm field of view	At 4 mm: horizontal 90°, vertical 49°, diagonal 108°.
Lens mount and aperture	M12 mount, fixed iris and F2.0 aperture.
2.8 mm DORI reference	At 2.8 mm: detection 79 m, observation 31 m, recognition 15 m, identification 7 m. These are manufacturer planning values, not guaranteed site performance.
4 mm DORI reference	At 4 mm: detection 102 m, observation 40 m, recognition 20 m, identification 10 m. These are manufacturer planning values, not guaranteed site performance.
Hybrid illumination	Smart hybrid light combines IR and white supplementary illumination, with smart light control listed.
Supplementary-light reference	Up to 30 m, with 850 nm infrared wavelength listed. Light range is not an identification or alarm-detection guarantee.
Dynamic range	120 dB WDR is listed. Confirm the scene and exposure settings; this is separate from the 2 MP family Digital WDR reference.
50 Hz main stream	50 Hz: 12.5 fps at 3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080 or 1280 × 720.
60 Hz main stream	60 Hz: 15 fps at 3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080 or 1280 × 720.
Secondary stream	1280 × 720, 640 × 480 or 640 × 360: 12.5 fps at 50 Hz, or 15 fps at 60 Hz.
Video compression	Main stream: H.265+, H.265, H.264+ or H.264. Sub-stream: H.265, H.264 or MJPEG. Match the recorder and selected encoding settings.
Bitrate and control	32 Kbps to 16 Mbps; CBR or VBR. Actual traffic and storage depend on configuration and activity.
Region of interest	One fixed region for the main stream. This is not a separate region on every stream.

Built-in microphone	A built-in microphone and mono audio are listed. Confirm actual recording settings, permissions and firmware.
Audio encoding references	G.711, G.722.1, G.726, MP2L2, PCM and AAC-LC are listed; 8 kHz and 16 kHz sampling and environment-noise filtering are described. Confirm actual codec and client settings.
Ethernet interface	One RJ45 10/100 Mbit/s self-adaptive Ethernet port. This is separate from encoding bitrate and a recorder input budget.
API references	Open Network Video Interface Profiles S, T and G, plus ISAPI and SDK are listed. Confirm the actual recorder and firmware; this is not universal interoperability.
Live-view and account limits	Up to six simultaneous live-view channels; up to 32 users across administrator, operator and user levels. These are separate limits, not NVR input capacity.
Client and protocol references	iVMS-4200 and Hik-Connect, with RTSP and IPv6 in the protocol list. Confirm current versions, security settings and regional services separately.
Image processing and masks	BLC, HLC and 3D DNR, plus four programmable polygon privacy masks are listed.
Motion target selection	Human detection and vehicle detection are listed as selectable target types for motion events. Configure the actual scene and sensitivity; confirm the intended use.
Other basic events	Video-tampering alarm and exception events are listed. Notification recipients and actual delivery need separate setup and verification.
Local card storage	Local storage uses a microSD/microSDHC/microSDXC slot up to 512 GB. Confirm card compatibility, endurance, firmware and actual package separately.
Reset key	A reset key is listed for this /SL model.
Two way talk	Two way talk is described on the exact /SL cover. A built-in microphone and speaker support the described audio function; confirm app, recorder, network and firmware.
Speaker reference	Maximum speaker consumption 1.5 W; maximum sound-pressure level 95 dB at 10 cm is listed. These are component references, not guaranteed site audibility.
Active warning reference	Audible warning and flashing light are listed as event-linkage choices, with flashing light explicitly supported. Confirm configured rules, permitted use and actual hardware.
DC power reference	12 V DC $\pm 25\%$, 0.66 A, maximum 8 W, with a 5.5 mm coaxial power plug and reverse-polarity protection. Confirm the actual supply and connector.
PoE power reference	IEEE 802.3af, Class 3, maximum 9.5 W. This is an alternative supply reference, not power to add to the DC figure.
Housing and body dimensions	Metal and plastic; diameter 110 mm $\times$ 102.7 mm body height. Allow separate fixing, cable, aiming and accessory clearance.
Package dimensions	150 $\times$ 150 $\times$ 141 mm, separate from camera dimensions and mounting clearance.
Camera and packaged mass	Camera approximately 385 g; with package approximately 586 g. These are separate references, not freight charges or a kit-content guarantee.

Storage and operating environment	Storage and startup/operation: -30 to 60 °C, humidity 95% or less, non-condensing. External power equipment and cable joints need their own appropriate protection.
Ingress and corrosion limits	IP67 is listed, while the manufacturer corrosion-selection table assigns no specific corrosion protection. Do not infer marine, direct-coastline, chemical-plant or IK impact approval.
Optional mounting references	The sheet lists DS-1280ZJ-S junction box, DS-1281ZJ-S inclined-ceiling mount, DS-1275ZJ-SUS pole mount, DS-1272ZJ-110-TRS wall mount and DS-1276ZJ-SUS corner mount. These are optional; confirm actual combinations, clearance and package contents.
Additional optional mounts	DS-1280ZJ-TR13 junction box and DS-1271ZJ-110-TRS pendant-style mounting reference are also illustrated. Match the exact assembly and ordering details; they are not promised as included.

Specifications are summarised from the manufacturer's published information (checked 2026-10-21). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

IS Distributions Sdn. Bhd., Kuching, Sarawak ·
<https://www.isdsb.com.my/product-hikvision-camera-ds-2cd1383g2-liuf-sl.html>