



Hikvision DS-2CD1723G2-LIZSU

· Specification summary

Device class	2 MP Smart Hybrid Light varifocal dome network camera
Image sensor	1/2.9-inch progressive-scan CMOS.
Maximum resolution	1920 × 1080, the 2 MP reference.
Minimum illumination	Colour: 0.005 lux at F1.6 with AGC on; black-and-white: 0 lux with IR. This row does not establish zero-lux colour detail.
Shutter and day/night filter	1/3 s to 1/100,000 s shutter range, with an IR-cut filter.
Manual body aiming	Pan 0–355°, tilt 0–70° and rotation 0–355° are physical aiming references. Motorized optics do not establish motorized PTZ or automatic tracking.
Motorized optical lens	Motorized varifocal lens, 2.8 to 12 mm. Set optical coverage for the actual site and confirm focusing and recorder support.
Field of view across zoom range	Across 2.8 to 12 mm: horizontal 102.4° to 31.2°, vertical 54.4° to 17.5°, diagonal 121.8° to 35.7°. These are focal-setting-dependent ranges.
Iris, aperture and mount	Fixed iris, F1.6 aperture, with Ø14 lens mount listed. This does not describe interchangeable included lenses.
DORI planning ranges	Manufacturer DORI: detection 45.7–141.4 m, observation 18.1–56.1 m, recognition 9.1–28.3 m, identification 4.6–14.1 m. Check focal setting, scene and intended detail; these are not guaranteed site distances.
Hybrid illumination	Smart Hybrid Light with IR and white light, plus smart supplementary-light control.
Light-range reference	Up to 30 m supplementary light, with 850 nm infrared wavelength listed. Light range is separate from guaranteed recognition or identification distance.
Wide dynamic range	Digital WDR is listed for this 2 MP family. A 120 dB true-WDR reference is not established for this member.
50 Hz main stream	50 Hz: 25 fps at 1920 × 1080 or 1280 × 720.
60 Hz main stream	60 Hz: 30 fps at 1920 × 1080 or 1280 × 720.
Sub-stream modes	640 × 480 or 640 × 360: 25 fps at 50 Hz; 30 fps at 60 Hz.
Stream compression	Main stream: H.265+, H.265, H.264+ or H.264. Sub-stream: H.265, H.264 or MJPEG. Match actual recorder and selected encoding settings.
Video rate and control	32 Kbps to 16 Mbps, with CBR or VBR. Bandwidth and storage depend on actual stream settings and scene activity.
Encoding profiles and SVC	H.264 Baseline, Main or High Profile; H.265 Main Profile; scalable video coding for H.264 and H.265. Match the actual client and chosen settings.
Region of interest	One fixed region for the main stream. This does not establish a separate region for every stream.
Built-in microphone	One built-in microphone and mono sound are listed. Confirm actual recording permissions, settings and firmware.

Audio compression and sampling	G.711ulaw, G.711alaw, G.722.1, G.726, MP2L2, PCM and AAC-LC; 8 kHz or 16 kHz sampling and environment-noise filtering are listed.
Audio codec bitrates	G.711: 64 Kbps; G.722.1 or G.726: 16 Kbps; MP2L2: 32-160 Kbps; AAC-LC: 16-64 Kbps. The row does not specify a PCM bitrate.
Ethernet interface	One RJ45 10/100 Mbit/s self-adaptive Ethernet port, separate from encoding bitrate and recorder input limits.
API references	Open Network Video Interface Profiles S, G and T, ISAPI and SDK are listed. Check exact recorder, firmware and required functions rather than assuming universal interoperability.
Live-view and user limits	Up to six simultaneous live-view channels and up to 32 users across administrator, operator and user levels. These are separate limits, not NVR camera input capacity.
Client and transport references	iVMS-4200, Hik-Connect, RTSP, RTCP and IPv6 appear in the manufacturer edition. Confirm current software, regional services and secure network configuration separately.
Image processing and masks	BLC, HLC and 3D DNR, with four programmable polygon privacy masks.
Local card storage	Built-in microSD/microSDHC/microSDXC slot up to 512 GB for local storage. Confirm actual card compatibility, endurance and package inclusion.
Reset key	A reset key is listed. Use the exact manufacturer procedure and protect physical access to the installed device.
Motion target selection	Human detection and vehicle detection are selectable target types for motion-event triggering. Configure the actual scene and confirm performance for the intended use.
Other basic events	Video-tampering alarm and exception events are listed. Actual recipient notification and delivery need separate setup and verification.
Recording and notification linkages	FTP/memory-card upload, surveillance-centre notification, email, recording trigger and capture trigger are listed. The external alarm-output linkage is -S-only; LIZU does not inherit that output hardware.
External line audio	For the -S member: one line input and one line output on two-core terminal blocks, both up to 3.3 Vpp and unbalanced. Input impedance 4.7 k Ω ; output impedance 100 Ω . Match external equipment and wiring.
External alarm input and output	For the -S member: one alarm input and one alarm output; the manufacturer row lists maximum 12 V DC, 30 mA. Confirm load, isolation and actual wiring requirements.
DC power	12 V DC $\pm$ 25%, 0.8 A, maximum 9.6 W; $\varnothing$ 5.5 mm coaxial connector and reverse-polarity protection are listed. Match actual supply and connector.
PoE power	IEEE 802.3af, Class 3, maximum 12 W. Treat this as an alternative supply reference, not power to add to the DC maximum.
Housing and body dimensions	Metal base and plastic cover; $\varnothing$ 121.5 mm $\times$ 97.6 mm body reference. Allow additional cable, aiming, fixing and accessory clearance.
Package dimensions	150 $\times$ 150 $\times$ 141 mm, separate from camera body and mounting clearance.
Camera and packaged mass	Camera approximately 540 g; with package approximately 740 g. These are separate references, not freight charges or package-content promises.

Storage and operating conditions	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, impact and corrosion limits	IP67 and IK08 are listed; the manufacturer separately assigns no specific corrosion protection. Neither rating establishes marine or chemical-plant suitability, indestructibility or guaranteed site protection.
Optional mounting accessories	Optional: DS-1272ZJ-120, DS-1272ZJ-120B, DS-1271ZJ-120, DS-1275ZJ-SUS, DS-1276ZJ-SUS, DS-1280ZJ-DM46, DS-2280ZJ-WA120, DS-2210ZJ-WA-120, DS-2200ZJ-WA-120 and DS-2200ZJ-WAJ-120. Match the required wall, pendant, pole, corner or junction-box assembly and actual package.

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.

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<https://www.isdsb.com.my/product-hikvision-camera-ds-2cd1723g2-lizsu.html>