



Hikvision DS-2CD2743G2-LIZS2U/SL

· Specification summary

Device class	4 MP AcuSense motorized varifocal dome camera with strobe light and audible warning
Maximum image resolution	2688 × 1520 (4 MP).
Image sensor	1/3-inch progressive-scan CMOS.
Lens	Motorised 2.8 to 12 mm varifocal lens. Lens adjustment does not establish motorised pan, tilt, auto-tracking or a PTZ camera.
Field of view	Horizontal: 102.4° to 31.2°; vertical: 54.7° to 17.6°. These ranges change with focal length; they are not a fixed view for every lens setting.
Full-resolution main stream	At 2688 × 1520: 25 fps in 50 Hz mode, 30 fps in 60 Hz mode.
Other main-stream resolutions	1920 × 1080 and 1280 × 720: 25 fps at 50 Hz or 30 fps at 60 Hz.
Main-stream compression	H.265, H.264, H.264+ and H.265+ are listed for the main stream. Check recorder, firmware and encoding settings separately.
Third stream	Up to 10 fps at 1920 × 1080, 1280 × 720, 640 × 480 or 640 × 360. The manufacturer explicitly makes third-stream support conditional on settings.
Supplementary lighting	IR and white light with smart supplementary-light control are listed. Lighting performance depends on the scene and settings.
Supplementary-light range	Up to 30 m in this manufacturer sheet. This is a lighting reference, not a face-identification, recognition or detection-distance guarantee.
Wide dynamic range	120 dB WDR is listed. Actual image results depend on the scene, exposure and configuration.
Lens aperture and iris	F1.6 aperture and a fixed iris are listed. This does not establish an adjustable-iris lens.
Built-in microphones	Arrayed dual microphones are listed. They do not by themselves establish a built-in speaker or every two-way-audio workflow.
Audio input and output	One line input and one line output, each maximum 3.3 Vpp. Input impedance: 4.7 kΩ; output impedance: 100 Ω. These are line interfaces, not loudspeaker-power outputs.
Network connection	One RJ45 10/100 Mbit/s self-adaptive Ethernet port; no gigabit port is established.
Removable storage	A microSD/microSDHC/microSDXC card slot supports up to 512 GB. Card inclusion, endurance, compatibility and retention require separate confirmation.
Integration references	Profile S and Profile G network video interface, ISAPI, SDK and ISUP are listed. Confirm the actual firmware, recorder and client workflow; this is not universal interoperability approval.
Simultaneous live view	Up to six live-view channels are listed. This is not an NVR input-channel capacity or a guarantee of network performance.

User accounts	Up to 32 users with administrator, operator and user levels. Account capacity is separate from simultaneous live view.
Motion events	Motion events can target human and vehicle types; video-tampering and exception events are also listed. This is not facial identity recognition, number-plate reading or guaranteed alarm accuracy.
Perimeter events	Line crossing and intrusion with human/vehicle target classification are listed. Confirm field of view, scene and event settings for the actual application.
Reset control	A reset key is listed.
Built-in speaker	One 1.5 W speaker is listed. The stated maximum sound-pressure level is 120 dB at 10 cm; it is not a 1 m or site-wide audibility guarantee.
Active warning	Audible warning and white strobe-light flashing are listed in the event linkage. Confirm configuration and local use requirements; this is not a guarantee of deterring an intruder.
Operating conditions	Startup and operation: -30 to 60 °C, humidity at most 95%, non-condensing. Cable joints, mounting and external power equipment require their own suitable protection.
DC power input	12 V DC $\pm$ 25%; 1.35 A; maximum 16.2 W. The sheet lists reverse-polarity protection and a 5.5 mm coaxial plug. Do not apply mains voltage.
PoE power	IEEE 802.3at, Class 4; maximum 18 W. Size the PoE switch budget for the required camera count; DC and PoE maximum figures are not interchangeable.
Enclosure protection	IP67 and IK10 are listed for the camera. These do not approve every assembled installation, connector or corrosive environment.
Housing material	Aluminium alloy body is listed for the camera housing.
Camera weight	Approximately 1531 g, as listed for the camera rather than its packaged weight.
Corrosion suitability	The sheet assigns no specific anti-corrosion protection to this model. IP67 does not establish marine or chemical-environment suitability.
Camera dimensions	Diameter 121.5 mm $\times$ 97.6 mm, matching the body drawing. Verify mounting clearances and accessories separately.

Specifications are summarised from the manufacturer's published information (checked 2026-10-20). 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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