



Hikvision DS-2CD2143G2-LI

· Specification summary



Device class	4 MP Acusense Smart Hybrid Light Fixed Dome Network Camera
Maximum image size	The listed maximum image size is 2688 × 1520, described as 4 MP. Confirm recording and display support for the selected stream.
Minimum illumination condition	Colour 0.005 lux at F1.6 with AGC on, or 0 lux with supplement light, is listed. This is not a zero-light colour guarantee without illumination.
Shutter range	1/3 to 1/100,000 second is listed. Exposure time is separate from video frame rate.
Day and night filter	An IR cut filter is listed, with Day, Night, Auto and Schedule switching. Confirm selected settings for the scene.
Manual viewing adjustment	Pan 0–355°, tilt 0–75° and rotation 0–355° are listed adjustments. This fixed dome is not a motorised PTZ camera.
Main-stream frame-rate modes	At 50 Hz, 25 fps is listed for 2688 × 1520, 1920 × 1080 and 1280 × 720; at 60 Hz, 30 fps is listed for the same sizes. Confirm actual firmware and stream settings.
Sub-stream frame-rate modes	At 50 Hz, 25 fps is listed for 1280 × 720, 640 × 480 and 640 × 360; at 60 Hz, 30 fps is listed for the same sizes. These are sub-stream modes, not an inferred main-stream or third-stream capability.
Compression by stream	The main stream lists H.265, H.264, H.264+ and H.265+; the sub-stream lists H.265, H.264 and MJPEG. Confirm recorder and decoding compatibility; no unresolved third-stream option is included.
Video bit-rate reference	32 kbps to 8 Mbps is listed. Actual bit rate depends on stream and image settings; this is not a storage-duration guarantee.
Codec profiles and rate control	H.264 Baseline, Main and High profiles, H.265 Main profile, CBR/VBR and SVC for H.264/H.265 encoding are listed. Confirm the actual recorder and enabled mode.
Region of interest	One fixed region is listed for the main stream and sub-stream. It is not a promise of multiple independently configured regions per stream.
Lens options	2.8 mm and 4 mm fixed focal lenses are listed as options. A base-model enquiry does not select the actual lens or merge a separately imported lens-labelled record.
Lens mount and aperture	M12 mount, fixed iris and F1.6 aperture are listed. This does not establish universal replacement-lens compatibility.
2.8 mm lens coverage	The 2.8 mm option lists 104° horizontal, 57° vertical and 122° diagonal field of view. Do not apply this tuple to the 4 mm lens.

4 mm lens coverage	The 4 mm option lists 84° horizontal, 45° vertical and 100° diagonal field of view. Confirm the actual supplied lens.
Supplement light reference	IR and white supplement light are listed, with a stated range up to 30 m. Lighting choice and scene conditions matter; this is not an identification distance or a no-light colour guarantee.
Infrared wavelength	850 nm is the listed IR wavelength. It is not a radio frequency or the wavelength of white light.
Wide dynamic range	120 dB true WDR is described. This is a manufacturer image-processing reference, not a guarantee of every backlit scene.
Signal-to-noise reference	The listed SNR is at least 52 dB. Scene, exposure and test conditions still affect the resulting image.
Image enhancement	BLC, HLC and 3D DNR are listed. They are image-processing settings, not additional camera resolution or a guaranteed result in every scene.
Privacy masking	Eight programmable polygon privacy masks are listed. Configuration is required; masks are not automatically proof of privacy compliance.
Ethernet interface	One self-adaptive RJ45 10/100 Ethernet port is listed. This is not a Gigabit or Wi-Fi interface.
Integration references	ONVIF Profiles S and G, ISAPI, SDK and ISUP are named. Profile T is not inferred from another camera. Actual recorder interoperability has not been tested.
Network protocol references	IPv4, IPv6, HTTP, HTTPS, RTP and RTSP are named among the protocol references. No cloud account, remote access or network service has been configured by this page.
On-board storage	A memory-card slot supports microSD, microSDHC and microSDXC cards up to 512 GB. Confirm a compatible card; no card or recording duration is promised as included.
Network storage	NAS using NFS or SMB/CIFS and ANR are listed. Confirm compatible storage and configuration; this is not a completed connection to a NAS or ISD OS.
Human and vehicle event references	Motion detection, line crossing and intrusion with human/vehicle target classification are listed. Confirm enabled rules, firmware, scene and recorder support; this is not facial identification or a false-alarm-free promise.
DC supply reference	12 V DC $\pm 25\%$, 0.6 A and maximum 7.2 W are listed with a 5.5 mm coaxial power plug and reverse-polarity protection. Confirm supply and cable design; an adapter is not promised as included.
PoE supply reference	IEEE 802.3af Class 3 and maximum 8.5 W are listed for PoE. This is an alternative supply mode; do not add it to the DC consumption or treat it as a whole-switch budget.
Body materials	An aluminium-alloy base and aluminium-alloy cover are listed. This is not a special anti-corrosion or marine coating approval.
Body dimension reference	The table and complete drawing agree on 121.5 mm outside diameter and 97.6 mm overall height. Confirm actual mounting clearance and supplied hardware.
Fixing-hole reference	The drawing labels three 4.2 mm holes on a 104.7 mm fixing circle with 120° spacing. This is distinct from the 121.5 mm outside body diameter; check the actual template before drilling.

Body weight reference	Approximately 600 g is listed for the camera, separately from packaged weight. It is not a confirmed shipping weight or actual box-content promise.
Startup and operating conditions	–30 to 60 °C with humidity up to 95%, non-condensing, is listed for startup and operation. Confirm actual site, power and installation conditions.
Enclosure protection reference	IP67 and IK10 are listed with IEC 60529 and IEC 62262 references. These are not proof of Malaysian certification, a marine rating or approval of the installed cable entries.
Corrosion limitation	The manufacturer states no specific anti-corrosion protection for this model. Generic examples for higher protection levels must not be read as coastal or chemical-plant suitability for this camera.
Reset control	A reset key is listed. Confirm the applicable procedure and actual firmware; no device or customer data has been reset by this page.

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.

IS Distributions Sdn. Bhd., Kuching, Sarawak ·

<https://www.isdsb.com.my/product-hikvision-camera-ds-2cd2143g2-li.html>