Hikvision DS-2CD2T63G2-2LI2U

· Specification summary

Device class	6 MP AcuSense Smart Hybrid Light Fixed Bullet Network Camera
Image sensor	1/2.4-inch progressive-scan CMOS optical-format reference
Maximum resolution	3200 × 1800
Low-light reference	Color 0.005 lux at F1.6 with AGC on; 0 lux with light
Shutter reference	1/3 s to 1/100,000 s
Day/night reference	IR cut filter
Angle adjustment	Pan 0 to 360°; tilt 0 to 90°; rotation 0 to 360° for mounting adjustment, not motorized PTZ
Lens configuration	Fixed-focal lens; 2.8, 4 and 6 mm ordering options, not a varifocal lens
Lens-mount reference	M12
Iris type	Fixed iris
Aperture	F1.6
2.8 mm field-of-view reference	With 2.8 mm lens: H 105°, V 55°, D 127°
2.8 mm DORI reference	With 2.8 mm lens: D 76 m, O 30 m, R 15 m, I 7 m; scene-dependent manufacturer reference
2.8 mm depth-of-field reference	With 2.8 mm lens: 1.8 m to infinity
4 mm field-of-view reference	With 4 mm lens: H 78°, V 38°, D 96°
4 mm DORI reference	With 4 mm lens: D 115 m, O 45 m, R 23 m, I 11 m; scene-dependent manufacturer reference
4 mm depth-of-field reference	With 4 mm lens: 3.1 m to infinity
6 mm field-of-view reference	With 6 mm lens: H 51°, V 26°, D 59°
6 mm DORI reference	With 6 mm lens: D 164 m, O 65 m, R 32 m, I 16 m; scene-dependent manufacturer reference
6 mm depth-of-field reference	With 6 mm lens: 6.4 m to infinity
Supplemental light	IR and white light
Supplemental light range	Only -2LI and -2LI2U models: Up to 60 m; illumination is not a guaranteed identification distance
Smart supplemental light	Listed; confirm selected mode and settings
IR wavelength	850 nm
Supplemental-light modes	4 supplemental-light modes on the cover; confirm actual firmware and selected mode

Motion-event reference	Motion detection supports configured human/vehicle target triggering; performance depends on scene and settings
Other basic events	Video tampering and exception events
Perimeter-event reference	Line crossing and intrusion with configured human/vehicle target triggering
Main stream at 50 Hz	25 fps at 3200 × 1800, 2688 × 1520, 1920 × 1080 or 1280 × 720
Main stream at 60 Hz	30 fps at 3200 × 1800, 2688 × 1520, 1920 × 1080 or 1280 × 720
Sub-stream reference	50 Hz: 25 fps; 60 Hz: 30 fps; at 1280 × 720, 640 × 480 or 640 × 360
Main-stream compression	H.265+, H.265, H.264+ and H.264
Sub-stream compression	H.265, H.264 and MJPEG
Video bit-rate range	32 Kbps to 16 Mbps
H.264 profiles	Baseline, Main and High
H.265 profile	Main
Bit-rate control	CBR / VBR
Scalable video coding	H.264 and H.265 encoding
Region of interest	1 fixed region for main stream and sub-stream
Target-cropping reference	Target cropping listed; confirm intended stream and settings
WDR reference	120 dB as stated by the manufacturer; actual scene results depend on settings
Signal-to-noise reference	At least 52 dB as stated by the manufacturer
Image enhancement	BLC, HLC and 3D DNR
Privacy-mask reference	8 programmable polygon privacy masks
Day/night switching	Day, Night, Auto and Schedule
Ethernet interface	1 RJ45 10/100 Mbps self-adaptive Ethernet port
API/protocol reference	ONVIF Profiles S and G; ISAPI, SDK and ISUP; confirm actual recorder and firmware compatibility
Simultaneous live-view reference	Up to 6 live-view channels; not six camera inputs
User/role reference	Up to 32 users; administrator, operator and user roles, not 32 simultaneous live views
On-board storage	Built-in microSD/microSDHC/microSDXC slot, up to 512 GB; confirm fitted card and recording duration
Reset key	Hardware reset key listed
Network-storage reference	NAS via NFS or SMB/CIFS and ANR listed; confirm actual device, firmware and settings
Card-health/encryption reference	Together with a high-end Hikvision memory card, memory-card encryption and health detection are listed; confirm exact card and firmware
Built-in microphone	Only -2LI2U and -4LI2U models: Built-in arrayed dual-microphone as printed

Audio codecs	Only -2LI2U and -4LI2U models: G.711, G.722.1, G.726, MP2L2, PCM, MP3 and AAC-LC
Audio sampling	Only -2LI2U and -4LI2U models: 8, 16, 32 or 48 kHz
MP2L2 audio bit-rate reference	Only -2LI2U and -4LI2U models: MP2L2: 32 to 160 Kbps; codec-specific range, not a PCM or all-codec guarantee
Audio noise filtering	Only -2LI2U and -4LI2U models: Environmental noise filtering listed
DC input reference	Only -2LI and -2LI2U models: 12 V DC ±25%, 0.66 A; maximum 8 W; 5.5 mm coaxial plug, reverse-polarity protection
PoE input reference	Only -2LI and -2LI2U models: IEEE 802.3af, Class 3; maximum 9.5 W camera input consumption, not output power
Operating temperature	-30 to 60 °C
Storage temperature	-30 to 60 °C
Humidity reference	95% or less, non-condensing
Protection reference	IP67 as stated by the manufacturer; not corrosion protection or Malaysian installation certification
Corrosion reference	No specific anti-corrosion protection; confirm suitability for the actual environment
Housing material	Metal
Package dimensions	386 × 156 × 155 mm as printed; confirm actual supplied package
Camera weight reference	Approximately 1150 g in the cited configuration; confirm actual supplied hardware
Packaged weight reference	Approximately 1640 g in the cited configuration; confirm actual supplied package
Mounting accessory reference	Optional DS-1260ZJ junction box, DS-1275ZJ-SUS and DS-1275ZJ-S-SUS pole mounts, and DS-1276ZJ-SUS corner mount listed; confirm exact adapters and full combination, not included package contents

Specifications are summarised from the manufacturer's published information (checked 2026-10-18). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.