



Hikvision DS-2DE2C400MWG-4G

· Specification summary



Device class	4 MP Smart Hybrid Light Mini PT Network Camera
Image sensor	1/2.7-inch progressive-scan CMOS as listed. Confirm the exact supplied camera.
Maximum resolution	2560 × 1440 as listed. Select the appropriate recording and stream configuration.
Minimum illumination	Colour: 0.005 lux at F1.6 with AGC ON; B/W: 0 lux with IR as listed. The zero-lux condition requires IR, not colour imaging without light.
Exposure and day/night	Shutter 1/3 s to 1/100,000 s and IR-cut filter as listed. Confirm exposure, motion and day/night settings.
Lens and field of view	Separate fixed-lens choices: 2.8 mm with horizontal 94°, vertical 49° and diagonal 114°; or 4 mm with horizontal 70°, vertical 35° and diagonal 85° as listed. These are supplied-lens choices, not an optical zoom range.
Lens mount and aperture	M12 mount, fixed iris and F1.6 aperture as listed. Confirm supplied lens and intended view.
Pan and tilt	Pan movement 0° to 345°; tilt 0° to 80°. Pan speed up to 25°/s and tilt speed up to 20°/s as listed. Confirm scene and operating controls; no continuous 360° movement is inferred.
DORI reference	Manufacturer-listed detect/observe/recognise/identify references: 2.8 mm lens 68/27/13/6 m; 4 mm lens 100/39/20/10 m respectively. These are lens-specific references, not guaranteed field performance.
Supplementary light	IR and white light, range up to 30 m, smart supplementary light and 850 nm IR wavelength are listed. Confirm selected mode and scene; range is not identification distance.
Main stream	50 Hz: 20 fps at 2560 × 1440, 1920 × 1080 or 1280 × 720. 60 Hz: 20 fps at 2560 × 1440, 1920 × 1080 or 1280 × 720 as listed. Confirm selected stream and recorder.
Sub-stream	50 Hz: 20 fps at 768 × 432; 60 Hz: 20 fps at 768 × 432 as listed. Confirm selected stream.
Video compression	Main stream: H.265 or H.264; sub-stream: H.265, H.264 or MJPEG as listed. Confirm recorder decoding and bandwidth; no additional stream is inferred.
Video bitrate and profiles	32 Kbps to 8 Mbps; H.264 Baseline/Main/High and H.265 Main profiles; CBR or VBR as listed. Confirm encoder and recorder configuration.
ROI and scalable coding	1 fixed ROI region for the main stream; H.264 and H.265 scalable video coding as listed. Confirm the selected encoder and stream.

Audio encoding	G.711 and AAC-LC are listed. Audio rates: 64 Kbps for G.711ulaw and 16-64 Kbps for AAC-LC. Confirm selected codec; no G.711alaw rate is inferred.
Audio sampling rates	8/16 kHz are listed as document-level choices. The source does not map each rate to an individual codec; confirm selected codec and supported rate.
Noise filtering	Environmental-noise filtering is listed. Actual results depend on scene and settings.
Built-in audio	1 built-in microphone, built-in speaker, two-way audio and mono sound are listed. Confirm audio and client settings; two-way audio is not stereo.
Speaker reference	Maximum speaker consumption 1.5 W; maximum sound pressure level 95 dB at 10 cm as listed. This is a measurement condition, not a listening-range guarantee.
Ethernet and reset	1 RJ45 10 M/100 M self-adaptive Ethernet port and reset key as listed. Confirm network and reset procedure; no gigabit port is inferred.
Integration interfaces	ONVIF Profile S, G and T, ISAPI and SDK are listed. Confirm actual firmware, recorder and client interoperability; not universal compatibility approval.
Live view and users	Up to 6 simultaneous live-view channels; up to 32 users with administrator, operator and user levels as listed. These are separate limits.
Protocols	TCP/IP, ICMP, DHCP, DNS, DDNS, HTTP, RTP, RTCP, RTSP, NTP, IGMP, IPv4, IPv6, UDP, QoS, SMTP and SNMP are listed. Confirm site network and firmware settings; not a public-exposure recommendation.
On-board storage	Built-in microSD/microSDHC/microSDXC slot, up to 512 GB as listed. Confirm compatible card and recording configuration; no card is assumed included.
Mobile communication	4G LTE data transmission, LTE-FDD/LTE-TDD standards and Nano SIM are documented. The region, carrier, SIM and data plan require confirmation for the exact supplied unit; this does not guarantee local service or coverage.
WDR and enhancement	Digital WDR; SNR at least 52 dB; BLC, HLC and 3D DNR as listed. Confirm actual scene and image settings; not a 120 dB or 130 dB WDR claim.
Image adjustments and privacy	Saturation, brightness, contrast, sharpness, gain and white balance adjustable through client software or web browser; Day/Night/Auto/Schedule switching; 4 programmable polygon privacy masks as listed. Confirm supported software and mask coverage after aiming.
Basic events	Motion detection with human/vehicle target-type alarm triggering, video tampering alarm and exception are listed. Confirm scene and event configuration; no accuracy guarantee.
Event linkage	FTP/memory-card upload, surveillance-centre notification, email, recording, capture, audible warning and auto-tracking lite are listed. Configure and test the selected actions; no notification or tracking result is guaranteed.
Power reference	12 V DC $\pm 25\%$, 0.75 A, maximum 9 W; Ø5.5 mm coaxial plug with reverse-polarity protection. A switching adapter is listed in the manufacturer package note; confirm the actual ISD-supplied package and local adapter before ordering.

Material reference	Plastic as listed. Confirm the exact supplied camera and mounting requirements.
Weight and document package	Camera approximately 600 g (1.32 lb.); with package approximately 900 g (1.98 lb.). Package dimensions 224 × 178 × 230 mm (8.82 × 7.01 × 9.06 in) as listed. Confirm actual supplied packaging and mounting load.
Storage and operating conditions	Storage, startup and operation: -30 °C to 40 °C (-22 °F to 104 °F), humidity 95% or less, non-condensing as listed. Confirm site, ventilation and power conditions.
Protection reference	IP66 under IEC 60529-2013 is listed. Confirm exact supplied unit, sealing and site suitability; IP rating does not confirm corrosion protection.
Application protection tier	The document selects NO SPECIFIC PROTECTION: for areas where no specific anti-corrosion protection is needed. Confirm actual exposure; this is not approval for corrosive coastal, dock, chemical-plant or acid-rain conditions.
Document ordering reference	Complete manufacturer ordering entries: DS-2DE2C400MWG-4G(2.8mm); DS-2DE2C400MWG-4G(4mm); DS-2DE2C400MWG-4G(2.8mm)/LA; DS-2DE2C400MWG-4G(4mm)/LA; DS-2DE2C400MWG-4G(2.8mm)/IN; DS-2DE2C400MWG-4G(4mm)/IN; DS-2DE2C400MWG-4G(2.8mm)/US; DS-2DE2C400MWG-4G(4mm)/US. Confirm exact lens and region with ISD; listed entries are not stock confirmation or interchangeable aliases.

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.

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<https://www.isdsb.com.my/product-hikvision-camera-ds-2de2c400mwg-4g.html>