4 MP SMART HYBRID LIGHT FIXED TURRET NETWORK CAMERA



Short Description

The Hikvision DS-2CD1343G2-LIU(F) is a compact and intelligent 4MP fixed turret IP camera from Hikvision's Value Series, delivering 2560×1440 resolution via a 1/3" Progressive Scan CMOS sensor. It features Smart Hybrid Light technology combining IR and white light illumination up to 30m, AI-driven human and vehicle detection, a built-in microphone for live audio monitoring, and IP67 weather resistance. With PoE support, H.265+ compression, and optional 512GB onboard storage (on the -F variant), it is an ideal cost-effective security camera for homes, small businesses, and commercial premises.

Key Feature

- Model Number: DS-2CD1343G2-LIU(F)
- Brand: Hikvision
- Category: Internet Protocol (IP) Camera
- Availability: Available

Product Information

Model Number	DS-2CD1343G2-LIU(F)
Brand	Hikvision
Category	Internet Protocol (IP) Camera
Availability	Available
Price Type	Contact for price

Description

The Hikvision DS-2CD1343G2-LIU(F) is a feature-rich 4MP fixed turret network camera from Hikvision's Value Series, engineered to deliver professional-grade surveillance performance at an accessible price point. Powered by a 1/3" Progressive Scan CMOS sensor, it captures crisp, detailed footage at a maximum resolution of 2560×1440 pixels, enabling clear identification of faces, licence plates, and other critical details.

At the heart of its night vision capability is Smart Hybrid Light technology, which combines 850nm infrared illumination and white light into a single intelligent system with a range of up to 30 metres. The camera automatically adjusts between IR and white light modes depending on the environment, ensuring consistently high-quality footage at all times — day, night, or low light.

Powered by Hikvision's built-in AI engine, the DS-2CD1343G2-LIU(F) supports human and vehicle classification-based motion detection, distinguishing people and cars from irrelevant triggers such as animals, swaying branches, or passing headlights. This dramatically reduces false alarms and ensures that alerts are meaningful and actionable. Event-based linkage actions include FTP upload, email notification, surveillance centre alerts, and — on the -F model — memory card recording and trigger capture.

The camera incorporates a built-in microphone for real-time audio capture alongside video, providing a richer situational awareness for operators. The -F variant adds a reset key and a built-in microSD/SDHC/SDXC card slot supporting up to 512GB of local storage, enabling standalone operation without an NVR or DVR and making it ideal for smaller installations or standalone deployments.

Video compression is handled by H.265+, Hikvision's advanced encoding technology that reduces storage requirements and network bandwidth consumption by up to 50% compared to standard H.265, without sacrificing image quality. The camera supports multiple stream configurations and bit rate controls (CBR/VBR) for flexible integration into various network environments.

Image quality is further enhanced by a 120dB Wide Dynamic Range (WDR) for balanced exposure in scenes with mixed lighting, 3D Digital Noise Reduction (DNR), BLC and HLC for challenging backlight and highlight conditions, and 4 programmable polygon privacy masks for compliance and privacy protection.

The wide-angle F1.6 aperture and availability in 2.8mm (98° FOV) and 4mm (78° FOV) lens variants make it suitable for different coverage requirements. Its 360° pan / 75° tilt / 360° rotation angle adjustment allows precise positioning during installation.

Connectivity is provided via a standard RJ45 10/100M Ethernet port, with PoE (IEEE 802.3af, Class 3) support for single-cable installation and an optional 12VDC power input. The camera's compact Ø110mm × 89.2mm turret form factor in metal and plastic construction, combined with its IP67 dust and water resistance and a wide operating temperature range of -30°C to 60°C, make it suitable for virtually any indoor or outdoor installation.

Remote access is available via Hik-Connect (mobile app) and iVMS-4200 (PC client), with ONVIF Profile S, T, and G (on -F models) compliance ensuring broad third-party VMS integration. Up to 6 simultaneous live view channels and 32 user accounts are supported for multi-operator environments.

Technical Specifications

Camera Specifications	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2560 × 1440
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON),B/W: 0 Lux with IR
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 360°,tilt: 0° to 75°,rotate: 0° to 360°
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 98°, vertical FOV 54°, diagonal FOV 114° 4 mm, horizontal FOV 78°, vertical FOV 42°, diagonal FOV 93°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.6
Illuminator	
Supplement Light Type	IR,White Light
Supplement Light Range	Up to 30 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720)

Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile,Main Profile,High Profile
H.265 Type	Main Profile
Audio	
Audio Type	Mono sound
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC
Audio Bit Rate	64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)
Network	
Security	Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile T, Profile G (only -F model supports)),ISAPI,SDK
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Client	iVMS-4200,Hik-Connect
Web Browser	Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+

Image	
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Day/Night Switch	Day,Night,Auto,Schedule
Image Enhancement	BLC,HLC,3D DNR
Image Settings	Rotate mode,saturation,brightness,contrast,sharpness,gain,white balance,adjustable by client software or web browser
Privacy Mask	4 programmable polygon privacy masks
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	-F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Built-in Microphone	Yes
Reset Key	Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)),video tampering alarm,exception
Linkage	Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture
General	
Power	12 VDC ± 25%, 0.4 A, max. 5 W,Ø5.5 mm coaxial power plug,reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W
Material	Metal & Plastic
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)