

Specifications

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
WDR	120 dB
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Lens Type	2.8/4/6 mm
Auto-Iris	No
Aperture	F1.6
FOV	2.8 mm, horizontal FOV: 108° , vertical FOV: 58° , diagonal FOV: 128° 4 mm, horizontal FOV: 86° , vertical FOV: 46° , diagonal FOV: 103° 6 mm, horizontal FOV: 52° , vertical FOV: 29° , diagonal FOV: 60°
Lens Mount	M12
Illuminator	
IR Range	Up to 30 m
Wavelength	850 nm
Video	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG
H.264 Type	Main Profile/High Profile
H.264+	No
H.265 Type	Main Profile
H.265+	No
Video Bit Rate	32 Kbps to 16 Mbps
Audio	
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8-320Kbps(MP3)
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz

Smart Feature-Set	
Smart Event	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Face Detection	Yes
Linkage Method	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture
Region of Interest	1 fixed region for main stream and sub-stream
Image	
Image Enhancement	BLC, HLC, 3D DNR
Image Setting	Saturation, brightness, contrast, sharpness and white balance adjustable by client software or web browser
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In
Network	
Network Storage	microSD/SDHC/SDXC card (128 GB), local storage and NAS (NFS,SMB/CIFS), ANR Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
API	ONVIF (PROFILE S, PROFILE G), ISAPI, SDK
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users, 3 levels: administrator, operator and user
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE8+, Chrome 41.0-44, Mozilla Firefox30.0-51, Safari8.0-11 Plug-in free live view: Chrome 45.0+, Mozilla Firefox52.0+
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Audio	1 input (line in/mic in, terminal block), 1 output (two-core terminal block), mono sound
Alarm	1 input, 1 output (max. 12VDC, 30 mA)
Video Output	1 HDMI™, type D, female plug (-M)
Interface Style	Pigtail/Socket style interface
On-board storage	Built-in micro SD/SDHC/SDXC slot, up to 128 GB
General	
Firmware Version	5.5.83

Web Client Language	32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)
General Function	Anti-flicker, heartbeat, mirror, 4 regions of privacy mask
Reset	Reset via reset button on camera body, web browser and client software
Startup and Operating Conditions	IR on: -10 °C to 40 °C (14 °F to 104 °F), humidity 95% or less (non-condensing) IR off: -10 °C to 50 °C (14 °F to 122 °F), humidity 95% or less (non-condensing)
Storage Conditions	-10 °C to 40 °C (14 °F to 104 °F), humidity 95% or less (non-condensing)
Power Supply	Socket style interface: 12 VDC \pm 25%, Φ 5.5 mm coaxial power plug; reverse polarity protection; PoE (802.3af, class 3) Pigtail style interface: 12 VDC \pm 25%, two-core terminal block; reverse polarity protection; PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.6 A, max. 7 W; PoE (802.3af, 36 V to 57 V), 0.3 A to 0.2 A, max. 8. 5W
Material	Metal
Dimensions	Camera: Φ 119 \times 90 mm (Φ 4.7" \times 3.5")
Weight	Camera: Approx. 520 g (1.1 lb.) With package: Approx. 750 g (1.7 lb.)
Approval	
EMC	47 CFR Part 15, Subpart B; EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014; AS/NZS CISPR 32: 2015; ICES-003: Issue 6, 2016; KN 32: 2015, KN 35: 2015
Safety	UL 60950-1, IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IS 13252(Part 1):2010+A1:2013+A2:2015
Chemistry	2011/65/EU, 2012/19/EU, Regulation (EC) No 1907/2006
Protection	Ingress protection: IP42(IEC 60529-2013), IK10 (IEC 62262:2002)

* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

Available Model

DS-2CD2125G0-IMS (2.8/4/6 mm)

Dimension

