

Specifications

Camera	
Image Sensor	Dual-sensor, 1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.001 Lux @ (F1.5, AGC ON), B/W: 0.0001Lux @ (F1.5, AGC ON), 0 Lux with IR
Shutter Speed	1 s - 1/30,000 s
Slow Shutter	Support
Auto-iris	HALL driver
Day & Night	Auto
Digital Noise Reduction	3D DNR
WDR	DWDR
Lens	
Focal Length	5 to 50 mm
Aperture	F1.5 to F2.9
FOV	Horizontal field of view: 60.5° to 6.3° Vertical field of view: 34.9° to 3.54° Diagonal field of view: 68.3° to 7.3°
IR	
IR Range	Up to 100 m
Wavelength	850 nm
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)
Smart Feature-set	
Behavior Analysis	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Exception Detection	Scene change detection, audio exception detection, defocus detection
Face Detection	Support
Region of Interest	Support 4 fixed regions for each stream
Image	
Max. Resolution	1920 × 1080
Main Stream Max. Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-stream Max. Frame Rate	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream Max. Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Image Enhancement	BLC/ 3D DNR/Defog
Image Setting	Rotate mode, saturation, brightness, contrast, and sharpness are adjustable by client software or web browser
Day/Night Switch	Day/Night/Auto/Scheduled

Network	
Network Storage	Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflict, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
General Function	One-key reset, anti-flicker, three streams, mirror, heartbeat, password protection, privacy mask, watermark, IP address filter
API	ONVIF (PROFILE S, PROFILE G), ISAPI, SDK
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	iVMS-4200
Web Browser	IE8+, Chrome31-44, Firefox 30.0 - 51
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Interface	
Audio	1-ch 3.5 mm input (line in), 1-ch 3.5mm output (line out),
Communication Interface	1 RJ45 10M/100M Ethernet port 1 RS-485 interface: Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive
Alarm	2 inputs, 2 outputs
Video Output	CVBS
On-board Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
Audio	
Environment Noise Filtering	Support
Audio Sampling Rate	16kHz / 32kHz / 44.1kHz / 48kHz
General	
Operating Conditions	-40 °C to +60 °C (-40 °F to +140 °F), Humidity 95% or less (non-condensing)
Power Supply	24 VAC ± 20%, terminal block
Power Consumption and Current	24 VAC ± 20% Heater off: max. 35W/1.5A Heater on: max. 43W/1.79A
Material	Aluminum alloy housing, plastic sun shield
Dimensions	Camera: 445.3 × 110 × 169.2 mm (17.53" × 4.33" × 6.66")
Weight	Approx.3800 g (8.38 lb.)

Available Model:

DS-2CD5028G0/E-HI (5 to 50 mm)