

Specification

Camera Module	
2 MP 23× Explosion-Proof IR Zoom Bullet Camera	
Image Sensor	1/1.8" progressive scan CMOS
Min. Illumination	Color: 0.002 Lux @(F1.5, AGC ON) B/W: 0.0002 Lux @(F1.5, AGC ON) 0 Lux with IR
White Balance	Auto/Manual/ATW (Auto Tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
Gain Control	Auto/Manual
Shutter Time	1/1 s to 1/30,000 s
Day & Night	IR Cut Filter
Digital Zoom	12×
Focus Mode	Auto/Semi-automatic/Manual
Digital WDR	Support
Lens	
Focal Length	5.9 mm to 135.7 mm, 23× Optical
Zoom Speed	Approx. 4.8 s (optical lens, wide-tele)
FOV	Horizontal field of view: 59.8° to 3.0° (wide-tele) Vertical field of view: 33.6° to 1.7° (wide-tele) Diagonal field of view: 68.6° to 3.4° (wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.5 to F3.4
PTZ	
Presets	255
Park Action	Support
IR	
IR Distance	200 m
Smart IR	Support
Compression Standard	
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264 Sub-Stream: H.265/H.264/MJPEG Third Stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Support
H.265 Type	Main Profile
H.265+	Support
Video Bitrate	256 Kbps to 16384 Kbps
Audio compression	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
Audio Bitrate	256 Kbps to 16384 Kbps
Smart Feature	
Basic Event	Motion Detection, Video Tampering Detection, Alarm Input, Alarm Output
Smart Event	Intrusion Detection, Line Crossing Detection, Audio Exception Detection
ROI encoding	Main stream, sub-stream and third stream respectively support two fixed areas.
Image	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)

Third Stream	50Hz: 25fps (1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Image Enhancement	HLC/BLC/3D DNR/Regional Exposure/Regional Focus
SVC	Support
Network	
Network Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB; NAS (NPS, SMB/ CIFS), ANR
Alarm Linkage	Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc.
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
API	Open-ended, support ONVIF, ISAPI, and CGI, support HIKVISION SDK and Third-Party Management Platform
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 levels: Administrator, Operator and User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Client	iVMS-4200, iVMS-5200, iVMS -4500
Web Browser	IE 8+, Firefox 30+, Safari 8.0+ web browser
Interface	
Audio	1-ch audio input/1-ch audio output
Network Interface	1× RJ45 10 M/100 M Ethernet interface
Alarm	1-ch alarm in1put/1-ch alarm output
RS-485	Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive
Analog Output	1.0V[p-p]/75 Ω, PAL/NTSC, BNC
General	
Power	100 VAC to 240 VAC & PoE+ (IEEE802.3at class4) Max. 25 W
Working Environment	Temperature: Outdoor: -40°C to 60°C (-40° F to 140° F) Humidity: ≤ 95%
Protection Level	IP68 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Enclosure Material	Stainless Steel 316L
Explosion-Proof Certificate No.	CML 17ATEX1189X IECEX CML 17.0103X
Installation	Wall mounting
Dimensions	494 mm × 169 mm × 308 mm (19.45" × 6.65" × 12.13")
Weight	Approx. 16.5 kg (36.38 lb)