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)
Shutter Speed	1/1s ~ 1/30,000s
Slow Shutter	Yes
Focus	Semi-auto,manual,auto
Day & Night	ICR
Day/Night Switch	Day, night, auto, scheduled-switch
BLC	Yes
WDR	140 dB WDR
HLC	Yes
3D DNR	Yes
Defog	Yes
EIS	Yes. Built-in gyroscope to improve EIS performance.
Regional Exposure yes	Yes
Regional Focus yes	Yes
White Balance	Auto,ATW,sodium lamp,fluorescent lamp,indoor,outdoor,MWB,Locked WB
Digital Zoom	16 ×
Optical Zoom	32 ×
Privacy Mask	Up to 24 masks,polygon region ,mosaic mask ,mask color configurable
,	Detect(25px/m): 2604.1 m
2021	Observe(63px/m): 1033.4 m
DORI	Recognize(125px/m): 520.8 m
	Identify(250px/m): 260.4 m
SNR	252dB
General Function	Mirror, password protection, watermark, IP address filter
Selection Parameter	, p,,
Specific Protection	Anti-Corrosion
Lens	
Focal Length	5.9 mm to 188.8 mm, 32 × Optical
Zoom Speed	Approx. 4.5 s
	Horizontal field of view: 59.8° to 3.3° (wide-tele),
FOV	Vertical field of view: 33.7° to 1.9° (wide-tele),
	Diagonal field of view: 65° to 3.8° (wide-tele)
Aperture	F1.5
PTZ	
Movement Range (Pan)	360°
Movement Range (Tilt)	-15° to 90° (auto flip)
Pan Speed pan speed:	Configurable from 0.1° to 300°/s; preset speed: 540°/s
Tilt Speed tilt speed:	Configurable from 0.1° to 240°/s, preset speed 400°/s
Proportional Zoom	Yes
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans, record time over 10 minutes for each scan
Power-off Memory	Yes
Park Action	Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan
3D Positioning	Yes
PTZ Status Display	Yes
Preset Freezing	Yes
Scheduled Task	Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output
	Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output
Scheduled Task	Preset,pattern scan,patrol scan,auto scan,tilt scan,random scan,frame scan,panorama scan,dome reboot,dome adjust,aux output 1920 × 1080
Scheduled Task Video Max. Resolution	
Scheduled Task Video	1920 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720)
Scheduled Task Video Max. Resolution Main Stream	1920 × 1080
Scheduled Task Video Max. Resolution	1920 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 60Hz:30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288)
Scheduled Task Video Max. Resolution Main Stream Sub-Stream	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Scheduled Task Video Max. Resolution Main Stream	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288)
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream	1920 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 60Hz:30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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)
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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) H.265,H.264,MJPEG
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream	1920 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 60Hz:30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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)
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type	1920 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 60Hz:30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type	1920 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 60Hz:30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.264+	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.265+ SVC ROI	1920 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 60Hz:30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265+ SVC ROI Audio	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Yes Fixed region
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.265+ SVC ROI	1920 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 60Hz:30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265+ SVC ROI Audio Compression Audio Compression	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Yes Fixed region
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.265+ SVC ROI Audio Audio Audio Compression	1920 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 60Hz:30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2)
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.264+ H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.264+ H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture	1920 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 60Hz:30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face.
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265+ SVC ROI Audio Compression Audio Compression Audio Compression Audio Compression Audio Traffic	1920 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 60Hz:30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support vehicle detection (license plate number,vehicle model, and vehicle color recognition)
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.264+ H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support vehicle detection (license plate number,vehicle model, and vehicle color recognition) motion detection, video tampering alarm,alarm input and output,exception
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.264+ H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 50Hz: 25fps (704 × 480, 640 × 480, 352 × 240) 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) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support vehicle detection (license plate number,vehicle model, and vehicle color recognition) motion detection,video tampering alarm,alarm input and output,exception Intrusion detection,line crossing detection,region entrance detection,region exiting detection,loitering detection,people gathering
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.264+ H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support vehicle detection (license plate number,vehicle model, and vehicle color recognition) motion detection,video tampering alarm,alarm input and output,exception Intrusion detection,line crossing detection,region entrance detection,region exiting detection,loitering detection,papend alarm,alarm,audio
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265+ SVC ROI Audio Compression Audio Compression Audio Expension Audio Compression Audio Sit rate Smart Features Face Capture Road Traffic Basic Event Smart Event Smart Fracking	1920 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 60Hz:30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Yes Yes Yes Yes Yes Y
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.264+ H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event	1920 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 60Hz:30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265,H.264,MPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support vehicle detection (license plate number,vehicle model, and vehicle color recognition) motion detection,video tampering alarm,alarm input and output,exception Intrusion detection,line crossing detection,region entrance detection,region exiting detection,loitering detection,people gathering detection,fast moving detection,parking detection,unattended baggage detection,object removal detection,vandal-proof alarm,audio Manual tracking,event tracking,auto-tracking ANR,Dual-VCA
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.264+ H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event Smart Tracking Smart Record	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps(1920×1080,1280×960,1280×220) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support vehicle detection (license plate number,vehicle model, and vehicle color recognition) motion detection,video tampering alarm,alarm input and output,exception Intrusion detection,line crossing detection,region entrance detection,pegion exiting detection,loitering detection,people gathering detection,fast moving detection,parking detection, unattended baggage detection,object removal detection,vandal-proof alarm,audio Manual tracking, event tracking, auto-tracking ANR,Dual-VCA Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record,Trigger Recording, Notify Surveillance Center,
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.264+ H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event Smart Tracking Smart Record Alarm Linkage	1920 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 60Hz:30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265,H.264,MPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support vehicle detection (license plate number,vehicle model, and vehicle color recognition) motion detection,video tampering alarm,alarm input and output,exception Intrusion detection,line crossing detection,region entrance detection,region exiting detection,loitering detection,people gathering detection,fast moving detection,parking detection,unattended baggage detection,object removal detection,vandal-proof alarm,audio Manual tracking,event tracking,auto-tracking ANR,Dual-VCA
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.265+ SVC ROI Audio Compression Audio Compression Audio Expension Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event Smart Tracking Smart Record Alarm Linkage Network	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265,H.264,MJPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Kbps (G.721)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support vehicle detection (license plate number,vehicle model, and vehicle color recognition) motion detection,lice crossing detection,region entrance detection,region exiting detection,loitering detection,people gathering detection,fast moving detection,parking detection,unattended baggage detection,object removal detection,vandal-proof alarm,audio Manual tracking,event tracking,auto-tracking ANR,Dual-VCA 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.
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Road Traffic Basic Event Smart Tracking Smart Tracking Smart Record Alarm Linkage Network Network Network	1920 × 1080
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.264+ H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event Smart Tracking Smart Record Alarm Linkage Network Network Storage Protocols	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) 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 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265,H.264,MJPEG 32 kDps ~ 16384 kDps Baseline profile,main profile,high profile Main profile Yes Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 kDps (G.711)/16 kDps (G.722.1)/16 kDps (G.726)/32 kDps to 192 kDps (MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support vehicle detection (license plate number,vehicle model, and vehicle color recognition) motion detection,video tampering alarm,alarm input and output,exception Intrusion detection,line crossing detection,region entrance detection,region exiting detection,loitering detection,people gathering detection,fast moving detection,parking detection,unattended baggage detection,object removal detection,vandal-proof alarm,audio Manual tracking,event tracking, auto-tracking ANR, Dual-VCA 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. NAS (NFS, SMB/ CIFS),ANR IPV4/IPV6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPNP, SMMP, DNS, DDNS, NTP, RTSP,RTCP, RTP, TCP/IP, DHCP, PPPDE, UDP, IGMP,
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.264+ H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event Smart Tracking Smart Record Alarm Linkage Network Network Network Storage Protocols API	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265,H.264,MIPEG 32 kDps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support whicle detection (license plate number,vehicle model, and vehicle color recognition) motion detection,video tampering alarm,alarm input and output,exception Intrusion detection,line crossing detection,region entrance detection,region exiting detection,loitering detection,people gathering detection,fast moving detection,ing detection,unattended baggage detection,object removal detection,yandal-proof alarm,audio Manual tracking,event tracking, auto-tracking ANR, Dual-VCA 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. NAS (NFS, SMB/ CIFS),ANR IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SMPP, DNS, DDNS, NTP, RTSP,RTCP, RTP, TCP/IP, DHCP, PPPoE, UDP, IGMP, Open-ended API, ISAPI,Hikivision SDK,Third-party management platform,Ehome,ISUP,ONVIF (Profile S, Profile T)
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.265+ SVC ROI Audio Compression Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event Smart Tracking Smart Record Alarm Linkage Network Network Network Network Storage Protocols API Simultaneous Live View	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 576, 640 × 480, 352 × 240) 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) H.265,H.264,MPEG 32 klbps ~ 16384 klbps Baseline profile,main profile,high profile Main profile Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 klbps (G.711)/16 klbps (G.722.1)/16 klbps (G.726)/32 klbps to 192 klbps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support vehicle detection (license plate number,vehicle model, and vehicle color recognition) motion detection,video tampering alarm,alarm input and output,exception Intrusion detection,video tampering alarm,alarm input and output,exception Intrusion detection,video tampering alarm,alarm input and output,exception Intrusion detection,revosing detection,parking detection,region entrance detection,region exiting detection,loitering detection,people gathering detection,fast moving detection,parking detection,nunattended baggage detection,object removal detection, vandal-proof alarm,audio Manual tracking,event tracking, auto-tracking ANR, Dual-VCA 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. NAS (NFS, SMB) CIFS),ANR IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP,RTCP, RTP, TCP/IP, DHCP, PPDeE, UDP, IGMP, Open-ended API, ISAPI,Hikvision SDK,Third-party management platform,Ehome,ISUP,ONVIF (Profile S, Profile T) Up to 20 channels
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event Smart Tracking Smart Record Alarm Linkage Network Network Network Storage Protocols API Simultaneous Live View User/Host	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps(1920×1080,1280×960,1280×720) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 576, 640 × 480, 352 × 240) 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 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265,H.264,MIPEG 32 Klbps - 16384 Klbps Baseline profile,main profile,high profile Main profile Yes Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Klbps (G.711)/16 Klbps (G.722.1)/16 Klbps (G.726)/32 Klbps to 192 Klbps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support vehicle detection (license plate number,vehicle model, and vehicle color recognition) motion detection,video tampering alarm,alarm input and output,exception Intrusion detection,line crossing detection,region entrance detection, pegion exiting detection,loitering detection,people gathering detection,fast moving detection,parking detection,unattended baggage detection,object removal detection, vanidal-proof alarm, audio Manual tracking,event tracking,auto-tracking MAND, Dual-VCA 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. NAS (NFS, SMB/ CIFS),ANR
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.265+ SVC ROI Audio Compression Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event Smart Tracking Smart Record Alarm Linkage Network Network Network Network Storage Protocols API Simultaneous Live View	1920 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 60Hz:30fps(1920×1080,1280×960,1280×720) 50Hz:25fps(704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 576, 640 × 480, 352 × 280) 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 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265,H.264,MIPEG 32 Klbps ~ 16384 Klbps Baseline profile,main profile,high profile Main profile Yes Yes Fixed region G.711alaw,G.721.1ulaw,G.722.1,G.726,MP2L2,PCM 64 Klbps (G.7711)/16 Klbps (G.722.1)/16 Klbps (G.726)/32 Klbps to 192 Klbps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support vehicle detection (license plate number,vehicle model, and vehicle color recognition) motion detection,video tampering alarm,alarm input and output,exception Intrusion detection,line crossing detection,region entrance detection,region exiting detection,loitering detection,people gathering detection,fast moving detection,parking detection,unattended baggage detection,object removal detection,people gathering detection,fast moving detection,parking detection,unattended baggage detection,object removal detection,vandal-proof alarm,audio Manual tracking,event tracking,auto-tracking ANR,Dual-VCA Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record,Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/MAS, Send Email, etc. NAS (NFS, SMB/ CIFS),ANR IPv4/IPv6, HTTP, HTTPS, 802.1X, Qos, FTP, SMTP, UPnP, SMMP, DNS, DDNS, NTP, RTSP,RTCP, RTP, TCP/IP, DHCP, PPPoE, UDP, IGMP, Open-ended API, ISAPI,Hikvision SDK,Third-party management platform,Ehome,ISUP,ONVIF (Profile S, Profile T) Up to 20 channels Up to 32 users. 3 levels: Administrator, Operator and User
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.265 Type H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event Smart Tracking Smart Record Alarm Linkage Network Network Storage Protocols API Simultaneous Live View User/Host Smooth Streaming	1920 × 1080 50Hz: 25fps(1920×1080,1280×960,1280×720) 60Hz: 30fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 576, 640 × 480, 352 × 240) 50Hz: 25fps (1920 × 1080,1280×960,1280×720) 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 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265,H.264,MJPEG 32 Klps ~ 16384 Klps Baseline profile,main profile,high profile Wes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Klps (6.711)/16 Klps (6.722.1)/16 Klps (G.726)/32 Klps to 192 Klps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support vehicle detection (license plate number,vehicle model, and vehicle color recognition) motion detection,video tampering alarm,alarm input and output,exception Intrusion detection,line crossing detection,region entrance detection,region exiting detection,loitering detection,people gathering detection,fist moving detection,pain detection,unattended baggage detection,object removal detection,vandal-proof alarm,audio Manual tracking,event tracking,auto-tracking Man,Dual-VCA 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. NAS (NFS, SMB/ CIFS),ANR NAS (NFS, SMB/ CIFS),ANR Lips (1920 Coloranels) Up to 32 users. 3 levels: Administrator, Operator and User Ves User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; Ves
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Tracking Smart Record Alarm Linkage Network Network Network Storage Protocols API Simultaneous Live View User/Host Smooth Streaming Security Measures	1930 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 50Hz:25fps(1920×1080,1280×960,1280×720) 50Hz:25fps(704 × 576, 640 × 480, 352 × 288) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 50Hz: 30fps (704 × 576, 640 × 480, 352 × 240) 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) H.265,H.264,MPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2) Support vehicle detection (license plate number, vehicle model, and vehicle color recognition) motion detection,video tampering alarm,alarm input and output,exception Intrusion detection,ing corossing detection,region entrance detection,region exiting detection,loitering detection, vandal-proof alarm, audio Manual tracking, event tracking, auto-tracking ANR, Dual-VCA Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to ETP/Memory Card/NAS, Send Email, etc. NAS (NFS, SMB/ CIFS),ANR IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP,RTCP, RTP, TCP/IP, DHCP, PPDE, UDP, IGMP, Open-ended API, ISAPI,Hikvision SDK, Third-party management platform,Ehome,ISUP,ONVIF (Profile S, Profile G, Profile T) Up to 30 users. 3 levels: Administrator, Operator and User Ves User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.264+ H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event Smart Event Smart Tracking Smart Record Alarm Linkage Network Network Storage Protocols API Simultaneous Live View User/Host Smooth Streaming Security Measures Client	1920 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 60Hz:30fps(1920×1080,1280×960,1280×720) 50Hz:25fps(704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 576, 640 × 480, 352 × 240) 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 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265,H.264,MPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Kbps (6.711)/16 Kbps (6.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support vehicle detection (license plate number,vehicle model, and vehicle color recognition) motion detection,video tampering alarm,alarm input and output,exception Intrusion detection, ine crossing detection,region entrance detection,region exiting detection,loitering detection,people gathering detection,fast moving detection,gate detection,unattended baggage detection,object removal detection,vandal-proof alarm,audio Manual tracking,event tracking,auto-tracking ANR,Dual-VCA 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. NAS (NFS, SMB/ CIFS),ANR IPV4/IPV6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPNP, SNMP, DNS, DDNS, NTP, RTSP,RTCP, RTP, TCP/IP, DHCP, PPP0E, UDP, IGMP, Open-ended API, ISAPI,Hikvision SDK,Third-party management platform,Ehome,ISUP,ONVIF (Profile S, Profile T) Up to 20 channels Up to 32 users. 3 levels: Administrator, Operator and User Ves User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering encryption; IEEE 802.1x p
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.264+ H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event Smart Event Smart Tracking Smart Record Alarm Linkage Network Network Storage Protocols API Simultaneous Live View User/Host Smooth Streaming Security Measures Client Web Browser	1930 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 50Hz:25fps(1920×1080,1280×960,1280×720) 50Hz:25fps(704 × 576, 640 × 480, 352 × 288) 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 50Hz: 30fps (704 × 576, 640 × 480, 352 × 240) 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) H.265,H.264,MPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2) Support vehicle detection (license plate number, vehicle model, and vehicle color recognition) motion detection,video tampering alarm,alarm input and output,exception Intrusion detection,ing corossing detection,region entrance detection,region exiting detection,loitering detection, vandal-proof alarm, audio Manual tracking, event tracking, auto-tracking ANR, Dual-VCA Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to ETP/Memory Card/NAS, Send Email, etc. NAS (NFS, SMB/ CIFS),ANR IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP,RTCP, RTP, TCP/IP, DHCP, PPDE, UDP, IGMP, Open-ended API, ISAPI,Hikvision SDK, Third-party management platform,Ehome,ISUP,ONVIF (Profile S, Profile G, Profile T) Up to 30 users. 3 levels: Administrator, Operator and User Ves User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event Smart Tracking Smart Record Alarm Linkage Network Network Storage Protocols API Simultaneous Live View User/Host Smooth Streaming Security Measures Client Web Browser Supplement Detection	1930 × 1080 SOHtz: 25fps (1920×1080,1280×960,1280×720) SOHtz: 25fps (704 × 576, 640 × 480, 352 × 288) SOHtz: 30fps (704 × 576, 640 × 480, 352 × 288) SOHtz: 30fps (704 × 480, 640 × 480, 352 × 240) SOHtz: 25fps (704 × 576, 640 × 480, 352 × 248) SOHtz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) SOHtz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265,H.264,MPEG 32 Kbps ~ 16384 Kbps Baseline profile, main profile, high profile Main profile Wain profile Wain profile Wain profile G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM G4 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps (MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support vehicle detection (license plate number,vehicle model, and vehicle color recognition) motion detection, ideo tampering alarm.alarm input and output,exception Intrusion detection, ine crossing detection, region entrance detection, region exiting detection, people gathering detection, fast moving detection, parking detection, unattended baggage detection, object removal detection, vandal-proof alarm, audio Manual tracking, event tracking, auto-tracking ANR, Dual-VCA NAS (NFS, SMB) CIFS), ANR Plev4/IPO6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SMMP, DNS, DDNS, NTP, RTSP,RTCP, RTP, TCP/IP, DHCP, PPPOE, UDP, IGMP, Open-ended API, ISAPI, Hikvision SDK, Third-party management platform, Ehome, ISUP, ONVIF (Profile S, Profile G, Profile T) Up to 20 channels Up to 32 users. 3 levels: Administrator, Operator and User Ves User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering IEE1, Chrome 57.0+, Firefox 52.0+, Safari 11+
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event Smart Tracking Smart Record Alarm Linkage Network Network Storage Protocols API Simultaneous Live View User/Host Smooth Streaming Security Measures Client Web Browser Supplement Detection Compass	1920 × 1080 50Hz:25fps(1920×1080,1280×960,1280×720) 60Hz:30fps(1920×1080,1280×960,1280×720) 50Hz:25fps(704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 576, 640 × 480, 352 × 240) 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 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265,H.264,MPEG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Yes Yes Fixed region G.711alaw,G.711ulaw,G.722.1,G.726,MP2L2,PCM 64 Kbps (6.711)/16 Kbps (6.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support vehicle detection (license plate number,vehicle model, and vehicle color recognition) motion detection,video tampering alarm,alarm input and output,exception Intrusion detection, ine crossing detection,region entrance detection,region exiting detection,loitering detection,people gathering detection,fast moving detection,gate detection,unattended baggage detection,object removal detection,vandal-proof alarm,audio Manual tracking,event tracking,auto-tracking ANR,Dual-VCA 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. NAS (NFS, SMB/ CIFS),ANR IPV4/IPV6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPNP, SNMP, DNS, DDNS, NTP, RTSP,RTCP, RTP, TCP/IP, DHCP, PPP0E, UDP, IGMP, Open-ended API, ISAPI,Hikvision SDK,Third-party management platform,Ehome,ISUP,ONVIF (Profile S, Profile T) Up to 20 channels Up to 32 users. 3 levels: Administrator, Operator and User Ves User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering encryption; IEEE 802.1x p
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.264+ H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event Smart Event Smart Tracking Smart Record Alarm Linkage Network Network Storage Protocols API Simultaneous Live View User/Host Smooth Streaming Security Measures Client Web Browser Supplement Detection Compass Interface	1920 x 1080
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.264+ H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event Smart Event Smart Features Face Tasking Smart Record Alarm Linkage Network Network Storage Protocols API Simultaneous Live View User/Host Smooth Streaming Security Measures Client Web Browser Supplement Detection Compass Interface Communication Interface	Soltz:25fps(1920×1080,1280×960,1280×720) Soltz:25fps(1920×1080,1280×960,1280×720) Soltz:25fps (1920×1080,1280×960,1280×720) Soltz:25fps (1920×1080,1280×960,1280×720) Soltz:25fps (1920×1080,1280×960,1280×720,704×576,640×480,352×288) Soltz:25fps (1920×1080,1280×960,1280×720,704×576,640×480,352×288) Soltz:25fps (1920×1080,1280×960,1280×720,704×480,640×480,352×288) Soltz:25fps (1920×1080,1280×960,1280×720,704×480,640×480,352×240) H.265H.264M)PFG 32 Kbps ~ 16384 Kbps Baseline profile,main profile,high profile Main profile Wain profile Yes Yes Fixed region G-711alaw,G-711ulaw,G-722.1,G-726,MP2L2,PCM 64 Kbps (G.7211)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2) Support detecting up to 30 faces at the same time. Support detecting, tracking,capturing, grading, selecting of face in motion, and output the best face picture of the face. Support vehicle detection (ticense plate number, vehicle model, and vehicle color recognition) motion detection, video tampering alarm input and output,exception Intrusion detection, inc crossing detection, region entrance detection, region exiting detection, loitering detection, packing detection,
Scheduled Task Video Max. Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.265+ SVC ROI Audio Audio Compression Audio Bit rate Smart Features Face Capture Road Traffic Basic Event Smart Event Smart Tracking Smart Record Alarm Linkage Network Network Storage Protocols API Simultaneous Live View User/Host Smooth Streaming Security Measures Client Web Browser Supplement Detection Compass Interface	1920 x 1080

Alarm Input	7 alarm inputs
Alarm Output	2 alarm outputs
Audio Input	1 audio input, 2.0 to 2.4Vp-p, 1k Ohm±10%
Audio Output	1 audio output, line level, impedance: 600Ω
Video Output	1.0V[p-p]/75Ω,PAL,NTSC,BNC connector
RS-485	HIKVISION, Pelco-P, Pelco-D, self-adaptive
General	
Power	24 VAC, max. 45 W (including max. 5 W for heater), Hi-PoE
Material	SUS316L stainless steel
Operating Conditions	Temperature: -40°C to 70°C (-40°F to 158°F), Humidity: ≤ 95%
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)
Protection	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IP67
General	
Anti-Corrosion	NEMA 4X