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Compatibility

Compatible hardware	Hikvision NVRs, DVRs and IP cameras including Hikvision OEMs
Viewing platforms	Mac, PC, iOS, Android
Installation platforms	iOS, Android

Video

Recording method	Record on motion
Aspect ratio	16:9
Compression	H.264
Frame rate	10fps

Security

Camera/recorder password	Encrypted and never transmitted outside local network
Non-discoverable	UPnP/NAT disabled
Cloud backbone	AWS

Protocols

Live transmission	RTSP
Live viewing mobile	RTMP
Live viewing web	HLS
Motion event transmission	MP4 files via HTTPS
Motion event viewing	HLS

Features

Camera scheduling	√
Sensitivity adjustment	√
Detection zones	√
Alerts	Push notifications, email alerts, external alarm trigger
Alert scheduling	√
Trigger types	Software motion detection, camera input or both

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MODE 1: Cloud + recorder

SD with Max Res Stills	HD
Substream • Live stream and cloud recorded video • Resolution 640 x 360 • Bit rate 200kb/s*	**Substream** • Live stream • Resolution 640 x 360 • Bit rate 200kb/s
Mainstream • If Max Res Stills enabled: Used to take a still image for each motion event at the maximum resolution of the camera. Local recording to DVR/NVR will be set to maximum resolution of the camera • If Max Res Stills not enabled: Left alone for recording to local DVR/NVR	**Mainstream** • Cloud recorded video • Resolution 1080p • Bit rate 400kb/s* (can be increased to 600kb/s)

*Bit rate will be dynamically adjusted if bandwidth is restricted

MODE 2: Direct to Cloud

SD with Max Res Stills	HD
Substream • Live stream and cloud recorded video • Resolution - 640 x 360 • Bit rate - 200kb/s*	**Substream** • Live stream • Resolution - 640 x 360 • Bit rate - 200kb/s*
Mainstream • If Max Res Stills enabled: Used to take a still image for each motion event at the maximum resolution of the camera • If Max Res Stills not enabled: Not used	**Mainstream** • Cloud recorded video • Resolution - 1080p • Bit rate - 400kb/s* (can be increased to 600kb/s)

*Bit rate will be dynamically adjusted if bandwidth is restricted

Contact us if you have any questions: partners@videoloft.com,
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