



## Compatibility

Compatible hardware (direct)	Axis*, Hikvision NVRs, DVRs & IP cameras (incl. Hikvision OEMs)
Compatible cameras (ONVIF)**	Amcrest, Bosch, Dahua, H-View, Onwote, Panasonic, Sony, Uniview, Vivotek, Wisenet
Viewing platforms	Mac, PC, iOS, Android
Installation platforms	iOS, Android

## Video

Recording method	Record on motion or continuous
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	
Live viewing mobile	RTSP
Live viewing web	RTMP
Motion event transmission	HLS
Motion event viewing	MP4 files via HTTPS
	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
Analytics	Add-on feature: Person/object & text detection, smart search
Stills	Still image can be taken for each motion event
Timelapse	√
PTZ controls	√



**Video quality**

**SD**

Substream

- Live stream and cloud recorded video
- Resolution 640 x 360
- Bit rate 200kb/s\*

Mainstream

- Left alone for recording to local DVR/NVR

**HD**

Substream

- Live stream
- Resolution 640 x 360
- Bit rate 200kb/s

Mainstream

- Cloud recorded video
- Resolution 1080p
- Bit rate 400kb/s\*\*\*  
(can be increased to 600kb/s)
- Local recording to the DVR/NVR will also be set to these specifications

**Up to 4K**

Substream

- Live stream
- Resolution 640 x 360
- Bit rate 200kb/s

Mainstream

- Cloud recorded video
- Resolution up to 4K (8MP)
- Bit rate 1800kb/s\*\*\*
- Aspect ratio: The 16:9 or 4:3 stream with the highest resolution will be selected
- - Local recording to the DVR.NVR will also be set to these specifications

\* Videoloft will only work with Axis cameras, and not all models have been tested yet. Contact us on [partners@videoloft.com](mailto:partners@videoloft.com) for more information.

\*\* Most camera models work very well via ONVIF, but we have seen a few problems and expect more from different models in the field. Please check our FAQs for more information.

\*\*\*Bit rate will be dynamically adjusted if bandwidth is restricted.