



Video Stream Manager Software

Intelligently manage ultra-high resolution video & RTSP cameras

The IndigoVision Video Stream Manager (VSM) enables cameras from a range of other manufacturers to be connected to the IndigoVision Control Center suite by using the industry standard RTSP protocol.

The VSM also provides powerful and integrated enterprise management of ultra-high resolution JPEG2000 video from Ultra 5K cameras.

The VSM is a software service that can be installed on a Windows server, giving total flexibility. The service enables multiple clients to stream video from the same camera, whilst only requiring a single stream from the camera to the VSM.

- Integrate a variety of third party cameras
- Live video streaming
- Supports up to 1000 RTSP cameras per server
- Supports ONVIF, IndigoVision's proprietary protocol cameras and IndigoVision's Ultra 5K cameras

Specification

General Specification	
Live Video	Live video streaming from RTSP cameras: MJPEG, MPEG4, H.264, H.265 Live video streaming from ONVIF Profile S and ONVIF Profile T cameras: MJPEG, MPEG4, H.264, H.265 Live video streaming from IndigoVision proprietary protocol cameras: H.264** Multicast from VSM to Control Center* Live video streaming from Ultra 5K cameras: JPEG2000 Multiple Streaming - up to ten different streams from each Ultra 5K for live viewing or recording
Audio	Receive audio from RTSP cameras: AAC, G.711 and Opus Receive audio from ONVIF Profile S and ONVIF Profile T cameras: AAC, G.711 and Opus
PTZ Control	ONVIF cameras: PTZ IndigoVision proprietary cameras: PTZ and auxiliary commands**
Recording and Playback	Record video: MJPEG, MPEG4, H.264, H.265, JPEG2000 Playback video Thumbnails, bookmarks
Alarms and Events	Supported***
Supported Devices	Cameras from a wide range of manufacturers including: <div>Axis Bosch Pelco</div> <div>Samsung Sony</div>
Supported Operating Systems	Windows Server 2022®, Windows Server 2016® (recommended), Windows Server 2012 R2®, Windows 10 (64-bit)®, Windows 11®
Performance	Maximum incoming bandwidth (cameras to VSM), 1600Mbps Maximum outgoing bandwidth (VSM to Control Center and NVR), 7200Mbps Maximum number of RTSP and IndigoVision proprietary cameras, provided the bandwidth is within the limits above: 1000 Maximum number of Ultra 5K Cameras: 2

* Excludes IndigoVision proprietary protocol cameras
** VSM VBCP license required (Product Code 317467)
*** Supports proxying events generated by ONVIF cameras

VSM Software Diagram

