



# 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<br>Live video streaming from ONVIF Profile S and ONVIF Profile T cameras: MJPEG, MPEG4, H.264, H.265<br>Live video streaming from IndigoVision proprietary protocol cameras: H.264**<br>Multicast from VSM to Control Center*<br>Live video streaming from Ultra 5K cameras: JPEG2000<br>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<br>Receive audio from ONVIF Profile S and ONVIF Profile T cameras: AAC, G.711 and Opus   |
| PTZ Control                 | ONVIF cameras: PTZ<br>IndigoVision proprietary cameras: PTZ and auxiliary commands**  |
| Recording and Playback      | Record video: MJPEG, MPEG4, H.264, H.265, JPEG2000<br>Playback video<br>Thumbnails, bookmarks   |
| Alarms and Events           | Supported***  |
| Supported Devices           | Cameras from a wide range of manufacturers including:<br><div>Axis<br/>Bosch<br/>Pelco</div> <div>Samsung<br/>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<br>Maximum outgoing bandwidth (VSM to Control Center and NVR), 7200Mbps<br>Maximum number of RTSP and IndigoVision proprietary cameras, provided the bandwidth is within the limits above: 1000<br>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

