



ClearView Pivot Lite is the latest addition to Sohonet's ClearView Pivot solution and provides a home-alternative for real-time remote editing, colour grading, live screening and finishing reviews at full cinema quality.

Pivot offers 4K high dynamic range (HDR) with 12-bit colour depth and 4:4:4 chroma sampling for full-colour quality video streaming with ultra-low latency. Pivot Lite boxes can be installed as a receive-only alternative to a standard Pivotbox. Unlike Pivot, which is provided over Sohonet's uncontended private media network, Pivot Lite is network agnostic and can be run over lower bandwidths to support review from home.

The Pivot Lite hardware runs successfully over a premium internet connection but at bandwidths that make it applicable for at home use. With a lower bandwidth requirement enabling streaming at 2K with as little as 100 mbps and 150mbps for UHD or 4K.

## FEATURES

### **Super high-quality streaming**

Supports 2K, UHD, 4K video formats, up to 4:4:4 chroma and 12-bit colour depth in colour spaces REC 601, 709 & 2020. Stream is compressed with high-quality JPEG 2000 compression

### **Ultra-low latency**

By running the service over our SMN, we can guarantee that latency's not an issue and ensure our real-time solution really is in 'real-time'

### **Point-to-multipoint solution**

'Pivot' between endpoints as and when you need or even stream to multiple endpoints at the same time.

### **Simple to Use**

Sessions are managed through a very simple-to-use call management app accessed via a web browser.

### **Managed service**

We constantly monitor and maintain the Pivotboxes at your sites and make sure they are always on and ready to go.

### **Studio-grade security**

With Pivot your valuable pre-release content is in very safe hands. Independently audited with AES-128 End-to-End encryption with a per-session key.

## TECH SPECS

<b>Video Standards Supported</b>	<p>SD Video Standards 525i59.94 NTSC, 625i50 PAL</p> <p>HD Video Standards 720p50, 720p59.94, 720p60 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30 1080i50, 1080i59.94, 1080i60</p> <p>2K Video Standards 2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p 2K DCI 23.98PsF, 2K DCI 24PsF, 2K DCI 25PsF</p> <p>Ultra HD Video Standards 2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30</p> <p>4K Video Standards 4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p</p> <p>3D SDI Video Standards Not currently supported (under development)</p>
<b>SDI Compliance</b>	SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 425M, SMPTE 435, SMPTE 2081, SMPTE 2082, ITU-R BT.656 and ITU-R BT.601.
<b>Audio Sampling</b>	Television standard sample rate of 48 kHz at 24-bit.
<b>SDI Video Sampling</b>	4:2:2, 4:4:4
<b>SDI Colour Precision</b>	8, 10, 12-bit RGB 4:4:4 in all modes up to 4K DCI 30p, and 8, 10-bit YUV 4:2:2 in all modes.
<b>Colour Space</b>	REC 601, REC 709, REC 2020
<b>HDMI Video Sampling</b>	4:4:4, 4:2:2 and 4:2:0
<b>HDMI Colour Precision</b>	8, 10 and 12-bit (Deep Colour).
<b>HDMI Configuration</b>	HDMI 2.0b
<b>Multiple Rate Support</b>	SDI video connections are switchable between SD/HD/2K and 4K and 8K.
<b>Copy Protection</b>	HDMI input is unable to capture from copy protected HDMI sources. Always confirm copyright ownership before capture or distribution of content.
<b>Encryption</b>	Every stream is encrypted using AES-128, with a per-session key.
<b>Forward Error Correction</b>	Low-Density Generator Matrix (LDGM)-based Raptor code is applied to every stream to increase robustness.
<b>Compression</b>	High-quality JPEG 2000 compression is applied to the stream.