

Cinegy Multiviewer

multi-channel video monitoring software



Cinegy Multiviewer enables broadcasters and production houses to monitor streams from satellites, camera feeds, playout devices and other sources locally and remotely. Featuring a robust analysis and alert system detecting signal problems as they occur Cinegy Multiviewer runs on commodity IT servers or workstations receiving RTP/UDP streams via Ethernet or uncompressed video using standard SDI cards from vendors such as AJA, BMD, DVS or Deltacast. Decoding support for MPEG-2 / H.264 up to 4K in full 4:2:2 color, along with MPEG audio, AAC-HE2 and Dolby Digital / AC-3 decoding is built in – with Dolby® E decoding available as an option.

KEY FEATURES

Support SD / HD / UHD streams over SDI or MPEG-TS unicast / multicast IP signals

Video: MPEG-2 and H.264 codec support in 4:2:0 and 4:2:2 color-space

Audio: MPEG-audio, AAC-HE2 and Dolby Digital / AC-3

Multivendor SDI board support: BlackMagic, AJA, DVS and Deltacast

VANC indicators, V-Chip, AFD Display, 608/708 CC decoding

Alarms: Stillness, Black, Audio Clipping, Silence, Loss of signal

Multiple customizable layouts, with remote control via simple web service API

Local screen output on 2x4K screens at 60fps

Remote retransmission of SD / HD / UHD screen layout via MPEG-TS multicast



Cinegy Multiviewer – Monitoring and Analysis

Streams from satellites, camera feeds, playout devices and other local or remote sources all need to be monitored. Cinegy Multiviewer displays these signals before analyzing them and raising alerts for any detected signal problems. Running as a service operating on commodity IT equipment, video streams can be received over the network or using standard SDI cards.

Easy-to-use and Customize

Cinegy Multiviewer can easily adapt to your requirements with a fully customizable interface that can be designed using a WYSIWYG multi-layout editor. Cinegy Multiviewer can drive two full 4K UHD monitors, providing enough real-estate and video resolution for even the most demanding control room. For those times when the control room is not near the equipment, or the viewer is not in the control room, Cinegy Multiviewer supports full RTP retransmission of the output screen in up-to 4K 4:2:2 resolutions, making any of the configured multiple layouts viewable anywhere in the building or in the world with remote control via a web interface.

Cost Savings

Cinegy Multiviewer can receive single program or multiplexed feeds (MPTS) from standard satellite or cable receivers relaying entire transponders via RTP/UDP onto the network, dramatically reducing the number of IRDs required for monitoring return feeds. Cinegy Multiviewer also supports local SDI inputs for low-latency SDI signal monitoring.

Channel Previews

Cinegy Multiviewer displays channel name, audio level indicators as well as real-time video previews playing the incoming video at full frame rate. In addition, the alarm indicators display signal presence of audio and video, VANC components (CC, AFD, V-Chip), while VU meters dynamically show all present audio channels (stereo, 5.1, etc.). If any signal component is outside defined parameters, a corresponding alarm indicator lights up, log entries are generated and a predefined alert is sent via email, SNMP, HTTP or API.

Scalability

Cinegy Multiviewer is ideal for local and remote operations. It can be massively scaled from just a few to hundreds of channels while remaining fully supported in a cloud based or hosted service environment.

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For further information regarding Cinegy Multiviewer, please visit www.cinegy.com or email sales@cinegy.com