



The MCL-9200 is a unique “all IP” software-based solution used to decode, analyze and Multiview display uncompressed SMPTE 2022-6 and 2110 SDI over IP signals.

Part of TAG’s MCM-9000 platform, the MCL-9200 is fully optimized for Broadcast Multiviewing applications and environments.

The MCL-9200 extremely low latency, combined with IP Networking/Content analysis, fault detection and alarms, provides perfect solution for Production, Post production, and Transmission Control Multiviewing requirements.

FEATURES

- **Baseband properties** analysis and display of video freeze & black, audio silence, audio levels bars, etc.
- **Low latency**
- **High density offering** concurrent monitoring of 32 uncompressed sources 2022/2110 with 2 Mosaic outputs per Server
- **JPEG2000** TR-01 support
- **Simultaneous, real-time analysis** of all sources
- **Unique alarm trigger** settings for individual channels or groups of channels
- **In Parallel to the Generated 2022-6/2110-21 mosaic output streams**, MCL-9200 outputs are also available as multicast compressed HD or UHD MPEG-TS and HLS generated mosaic stream for UHD screens, desktop, laptop and mobile remote access.

SPECIFICATIONS

Supported Input Video Layers

Video layerSMPTE-2022-6/ST-2110-20
Video resolution 480i, 576i, 720p, 1080i/p, 2160i/p
Video frame rates 25 / 29.97 / 30 / 50 / 59.94 / 60

Supported Input Audio Layers

Audio layer AES3/PCM/ST-2110-30/AES67
Loudness monitoring .. EBU-R-128/ITU-1770-3/ATSC A/85
Silence detection Mono, stereo, dual mono, surround

Sources Protocols

SMPTE-2022-6 RTP over UDP
ST-2110-20 RTP over UDP
ST-2110-30 RTP over UDP
ST-2110-40 RTP over UDP
JPEG2000 TR-01 RTP over UDP

Redundancy Protocol

Packet level concealment..... SMPTE-2022-7

Notifications

SNMP Configurable SNMP TRAPS
SYS LOG Configurable sys-log notifications
SMTP Email notifications
Overlay & UMD Overlay error display on mosaic & Tally with configurable UMD's

Management

Web Complete configuration via web
Remote JSON WEB services API
CLI Network & software management

Mosaic Layouts

User defined layouts
Layout editor - via embedded web browser
Overlay display of errors & events; Tally & UMD's

License Management

Dynamic license sharing between devices
Field upgradable – via FTP for all licensed features

Software Maintenance

Linux based
Field upgradable – via FTP
Supports dual software image
Export/import complete system configuration to XML

Hardware Requirements

Operates on standard off-the-shelf hardware
Intel CPU-based platforms
No software installation required