



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 2022-6/2110-20 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 layer ..... SMPTE-2022-6/ST-2110-20  
Video resolution ..... 480i, 576i, 720p, 1080i, 1080p  
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  
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 & configurable UMD

### Management

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

### Mosaic Layouts

User defined layouts  
Layout editor - via embedded web browser  
Overlay display of errors & events (user-customized) & UMD

### 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