



# M.aX™ IXP

## IP eXchange Portal

Introducing an assured cross-functional solution, for a fully agnostic IP broadcast media workflow

The M.aX™ IXP is a robust, platform designed to meet the production, transcoding, and transport requirements for any IP broadcast application. Built on CoralOS for a fully flexible and highly secure service delivery experience.

## BRIEF

Low-Latency Transcoding, Error Corrective Transport, and Media Gateway capabilities in a compact, portable unit. Designed specifically for an any IP service type in - to an any IP service type out broadcast production and streaming solution.

## SPECIFICATIONS

### True Broadcast Compliant Transcoding

- Video Codecs - HEVC, H.264, MPEG-2 and NDI, NDI-HX\* (up to 1080p59.94 and 1080p60)
- Audio Codecs - (Up to 16 Ch.) OPUS, AAC, AES67 (Up to 5.1 Ch.) MPEG-2, AAC, AC-3, AC-3+\*
- Live Encoding and transcoding - UDP, RTP, HLS, RTMP, RTSP, DASH
- Integrated RIST, SRT, and DOZER transport
- 2022-7 seamless protection switching input support
- MPEG-TS, dual RTP main and backup outputs
- Integrated WebRTC playback for all encoded services
- TS/MP4 recording and playback
- Frame accurate SCTE104/35 (TCP), SMPTE 2038 handling
- Open API control and event triggering

### Physical

- 2 RJ-45 - For Multi-Network redundancy
- LTE SIM or Wi-Fi capable
- +12VDC supply (included)
- Optional rack mount bracket
- Optional redundant power supply
- Dimensions - 7.3" x 5" x 2.6" (18.6 x 12.7 x 6.6 cm)



Lowest Latency Transcoding



Encrypted, Secured, Error Free Transport (RIST and SRT)



Remote Production Ready



SCTE35 and SCTE104 TCP Handling



Integrated Service & System Monitoring



Multi-Endpoint Concurrent Streaming

FOR MORE PRODUCT INFORMATION  
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