



M.aX™ EXP

Encoding eXchange Portal

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

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

BRIEF

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

SPECIFICATIONS

True Broadcast Compliant Encoding

- 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 (Up to 5.1 Ch.) MPEG-2 Audio
- Live Encoding - 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 and SDI), SMPTE 2038 handling
- Open API control and event triggering

Physical

- HD-BNC - 3G-SDI In, 3G-SDI Out, Reference
- Dual RJ-45 - Multi-Network redundancy
- Optional rack mount bracket
- +12VDC supply (included), supply redundancy optional
- GPIO (reserved for future applications)
- Dimensions - 7.3" x 5" x 2.6" (18.6 x 12.7 x 6.6 cm)



Lowest Latency
Encoding



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



Remote Production
Ready



SCTE104 & SCTE35
Handling



Integrated Service &
System Monitoring



Multi-Endpoint
Concurrent Streaming

FOR MORE PRODUCT INFORMATION
PLEASE CONTACT OUR SALES TEAM

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