

LEXI

TEXT ENCODER

PRECISION CAPTIONS AT LIVE SPEED

The **LEXI Text Encoder (UHD592)** is the next-generation upgrade to AI-Media's flagship Encoder Pro (HD492) - trusted by broadcasters worldwide for its proven reliability and performance. Designed to deliver real-time captions with unmatched precision and security, the LEXI Text Encoder builds on this legacy with upgraded architecture, enhanced speed, and expanded 4K capability. Engineered for professional live environments, it powers LEXI Text to deliver ultra-precise, real-time captions served through updated hardware architecture for broadcast workflows.



Key Features

- ✓ HD to 4K Ready – upgraded video handling for evolving production standards like 12G-SDI UHD
- ✓ Latest OS Update – Updated to support Debian 13 with improved stability and security
- ✓ UI/UX Enhancement – modernized interface for faster and simpler operation
- ✓ EEG Cloud Integration – centralized configuration, monitoring, and updates

Upgrade Benefits

Product	HD492	UHD592
LEXI Text	Up to 6 Channels	Up to 6 Channels
LEXI Voice	1 Voice Channel	1 Voice Channel
Video Processing	3G-SDI HD	4K Native - Supports 12G-SDI UHD
Commercial Model	Capex	Hardware as a Subscription (HaaS) Model Now Available
Security	Standard Security Updates	• SOC2-Compliant • Quarterly OS Updates • Security Optimized Web Framework
Operating System	Debian 12	Debian 13



Technical Specifications: LEXI Text Encoder

Category	Detail
Model	SKU = UHD592
Base Platform	Successor to Encoder Pro (HD492) for real-time captioning and limited voice translation workflows
Processing	Upgraded performance from Intel Gen 10 CPU (4 Core) → AMD Epyc CPU (12 Core)
Memory	DDR3 → DDR4 transition for improved throughput and stability
Video Performance	Native 4K 12G-SDI UHD support (HD → 4K upgrade from HD492)
PCIe Architecture	Upgraded from Gen 1 to Gen 3 (1× → 4× bandwidth performance increase)
Form Factor	1 RU, lightweight chassis for improved rack density and mobility
Compliance & Encryption	SOC2-compliant with SSL certificate management
Included LEXI Capacity	Up to 6 × LEXI Text and 1 × LEXI Voice channels
Maintenance	Quarterly operating system updates
Operating System	Debian 13 to maintain security and stability



New Hardware as a Subscription (HaaS) Model

The LEXI Text Encoder is offered via a Hardware-as-a-Subscription (HaaS) model – replacing traditional CapEx with a future-ready approach:

- **Opex, Not Capex:** Predictable costs with no upfront hardware investment.
- **Minimum 12-Month Term, then cancel anytime:** Simple, flexible commitment aligned to operational needs.
- **Always Current:** Access the latest LEXI encoders and AI features.
- **Built-In Support:** Includes technical support, product enhancements and security updates.
- **Future-Ready:** Easily adapt from SDI to ST 2110, IP, cloud, or new AI workflows.
- **Reduced Risk:** Rapid replacement of defective hardware minimizes downtime and eliminates repair costs.

Interested in learning more or shaping the future of LEXI Text Encoder?



Contact us at sales@ai-media.tv or visit our website at www.ai-media.tv.

PURPOSE-BUILT FOR REAL-TIME CAPTIONS AND VOICE TRANSLATIONS

The LEXI Voice Encoder (SKU: AIX-1) is AI-Media's next-generation hardware platform and the foundation of LEXI Voice - delivering real-time captions and translations with unmatched performance, reliability, and security. Designed for multiple applications, the LEXI Voice Encoder combines upgraded features to enable accessible, multilingual experiences across any environment.



Key Features

- ✓ 4K Native Processing – supports 12G-SDI UHD workflows for broadcast and hybrid events
- ✓ GPU Processing - future-proofing of AI integration for high-demand tasks
- ✓ AI Sound Separation & Clean Up – blends background sound into the translated voice stream for an immersive experience
- ✓ UI/UX Enhancement – modernized interface for faster and simpler operation
- ✓ LEXI Live Sync (CC Match) – configurable timing alignment for captions and translations with video feeds
- ✓ Latest OS Update – Updated to support Debian13 with improved stability and security
- ✓ EEG Cloud Integration – central management, remote monitoring, and diagnostics

Upgrade Benefits

Product	HD492	AIX-1
LEXI Text	Up to 6 Channels	6 Channels
LEXI Voice	1 Voice Channel	5 Voice Channels
Video Processing	3G-SDI HD	4K Native - Supports 12G-SDI UHD
AI Sound Separation & Clean Up	X	✓
Commercial Model	Capex	Hardware as a Subscription (HaaS) Model Now Available
Security	Standard Security Updates	• SOC2-Compliant • Quarterly OS Updates • Security Optimized Web Framework

Technical Specifications: LEXI Voice Encoder

Category	Detail
Model	SKU = AIX-1
Base Platform	Successor to HD492, built for next-generation captioning and voice translation workflows
Processing	GPU-accelerated for high-density LEXI Text and LEXI Voice workloads
Memory	DDR3 → DDR4 transition for improved throughput and stability
Video Performance	Native 4K 12G-SDI UHD support (HD → 4K upgrade from HD492)
PCIe Architecture	Upgraded from Gen 1 to Gen 3 (1× → 4× bandwidth performance increase)
Form Factor	2 RU, redesigned chassis optimized to house GPU for improved processing
Autosync (CCMatch)	Automatic synchronization of captions and translations with live video
Immersive Mixed Audio	Blends background noise into the translated voice stream for an immersive experience
Security Architecture	Upgraded Web Interface with Secure Framework
Compliance & Encryption	SOC2-compliant with SSL certificate management
Included LEXI Capacity	Up to 6 × LEXI Text and 5 × LEXI Voice channels (1 reserved for primary feed)
Maintenance	Quarterly operating system updates (Debian 13) to maintain security and stability
Operating System	Debian 13 to maintain security and stability

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