

Imagestore 750

Master control & branding processor for Stereoscopic 3D signals

Imagestore 750 is a high performance master control and channel branding processor for Stereoscopic 3D signals (Dual 1.5Gbps, SMPTE-292M, and Single 1.5Gbps, SMPTE-292M). It provides up to four Stereoscopic 3D keying layers, and offers a variable 'Z-plane' for graphics depth control for optimal viewing. The processor also offers multiple advanced audio processing capabilities, including stereo to 5.1 Upmixing, 4 Dolby decoders/encoders, and sophisticated Metadata processing.



KEY FEATURES AND BENEFITS

Stereoscopic 3D branding

- Stereoscopic 3D branding option supports Dual 1.5Gbps (SMPTE-292M) and Single 1.5Gbps (SMPTE-292M), and offers a variable 'Z-plane' for graphics depth control (automated or manual) for optimal viewing
- The processor provides four Stereoscopic 3D branding layers with Single 1.5Gbps, and two Stereoscopic 3D branding layers with Dual 1.5Gbps (using internally stored 3D graphics or single/dual fill and key inputs)
- Two video inputs for HD/SD left/right signals
- Stereoscopic AB mixer*, Stereoscopic preview output*, and Stereoscopic DVE*
- 3D media files integrate fully with Miranda's Vertigo graphics automation and asset management

Multi-level HD/SD branding graphics

- Designed for high impact, multi-level channel branding
- Easy selection between SD and HD (720p or 1080i at 50 Hz and 59.94 Hz)
- Four independent keying layers with preview output
- Integral flash-based store with capacity for more than 4000 HD/SD images
- Dual fill and key inputs allow operation with an Intuition XG graphics co-processor for the most advanced graphics effects
- Emergency Alert System (EAS) crawls and audio mix-ins
- In-vision digital/analog clock insertion with Bugclock option
- Easytext template-based, automated character generator option for data-driven graphics, such as in-show promos
- Full compatibility with Vertigo graphics automation and asset management

Advanced audio mixing and processing

- 16 channel audio mixing using embedded audio, and/or 8 AES pairs, for 5.1 and multi-lingual audio
- Dynamic shuffle and gain control
- Up to 4 Dolby decoders / encoders per Imagestore-750
- 5.1 Up-mixing using Linear Acoustic upMAX™ technology
- Versatile Easyplay 2 audio clip player, with simultaneous playout of up to four clips (16 channels), for voice-overs
- Advanced metadata processor with support for embedded metadata (as per RP-2020), metadata switching, and metadata generation
- Audio description (AD) with automated mixing of commentary track
- User-friendly audio configuration tool

Video mixing

- A/B video mixing by cuts and fades
- Independent clean feed and auxiliary outputs
- Single or dual channel 2D DVE options for squeeze-and-reveal and picture-in-picture effects
- C and D inputs available to feed DVE, and can also be used as extra fill and key inputs for future expansion

Automated and manual control

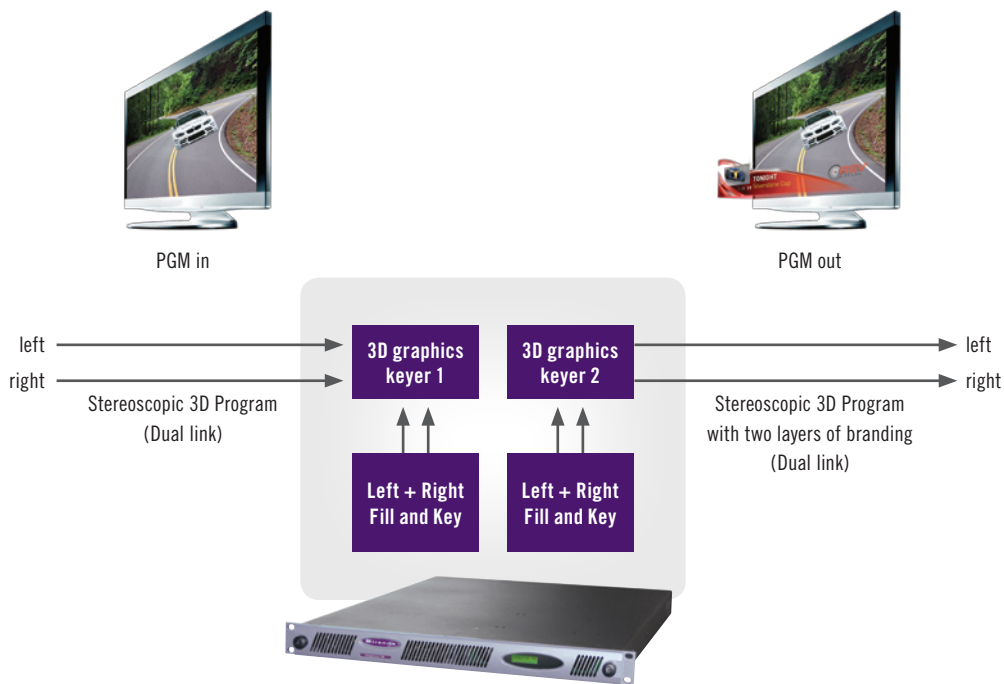
- Full automation control using widely supported Oxtel protocol (serial, Ethernet) and GPI
- Manual control by Branding Panel, PresStation or Vertigo Xpanel

Robust design

- Flash memory for graphics storage and operating system
- Broadcast quality, real-time operating system
- Redundant hot-swappable power supplies
- Mechanical bypass of program input
- Front panel diagnostics: configuration, temperature, power supplies, PLL

* Check for availability

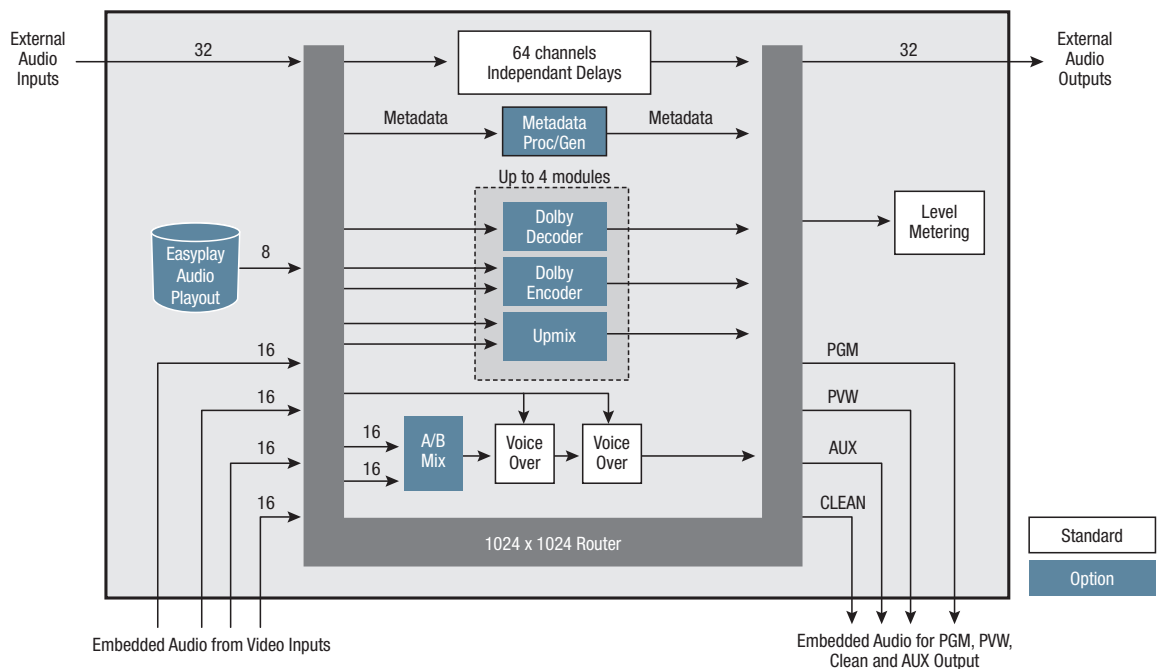




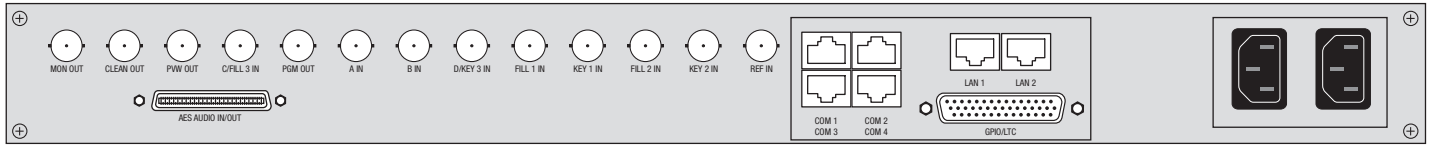
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Stereoscopic 3D channel branding (Dual 1.5Gbps signals shown)

Advanced audio features include Dolby encoding/decoding and 5.1 upmixing



Imagestore 750 rear panel



Imagestore 750 rear view

ORDERING INFORMATION

<p>IS-750</p> <p>Options</p> <p>IS-750-3D</p> <p>IS-750-DVE</p> <p>IS-750-DVE-DUAL</p> <p>IS-750-Audio6</p> <p>IS-750-Audio16</p> <p>IS-750-EAS</p> <p>IS-750-DOLBY</p> <p>IS-750-UMX</p>	<p>Imagestore 750 channel branding processor (dual input, 2 x f&k, AB mix, PGM, PVW + clean out)</p> <p>Stereoscopic 3D channel branding</p> <p>Single channel DVE</p> <p>Dual channel DVE</p> <p>Audio: 6 channels (1 group embedded, 6 AES in, 6 AES out)</p> <p>Audio: 16 channels (4 groups embedded, 16 AES in, 16 AES out)</p> <p>EAS with one AES in</p> <p>Dolby decode / encode bundles (various configurations available)</p> <p>Audio upmix option</p>	<p>Options (continued)</p> <p>IS-44-TBA</p> <p>IS-750-EP16</p> <p>IS-750-ET</p> <p>IS-750-Clock</p> <p>IS-750-MEM-2GB</p> <p>IS-750-HDD</p> <p>IS-750-PSU</p> <p>PRES-STATION</p> <p>RCP-BR</p> <p>XPanel</p>	<p>44-pin terminal block adapter for GPIO/LTC/Metadata connections</p> <p>Easyplay 16 channels audio storage/playout</p> <p>Easytext character generator</p> <p>Bugclock in-vision clock</p> <p>2GB of animation playout memory</p> <p>Internal media storage hard disk drive kit</p> <p>Redundant (spare) PSU unit for IS-750</p> <p>Master control panel</p> <p>Branding Panel</p> <p>SW control panel</p>
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