

Imagestore 750

HD/SD master control and branding processor with advanced audio processing



DESCRIPTION

Imagestore 750 is our top of the range master control and branding processor for highly automated channels. Many advanced audio features include 16 channel audio mixing/payout plus dynamic shuffling and gain control.

KEY FEATURES AND BENEFITS

Multi-level 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 Buglock 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

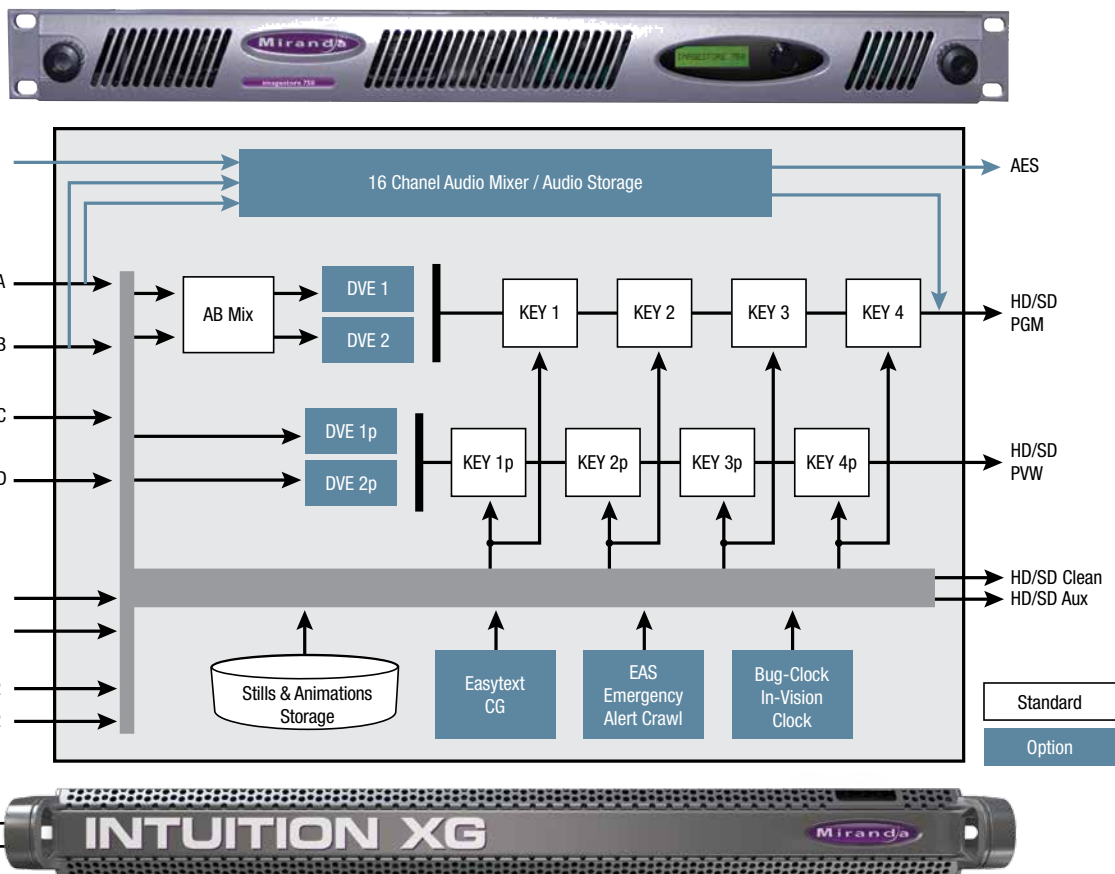
Robust design

- › 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

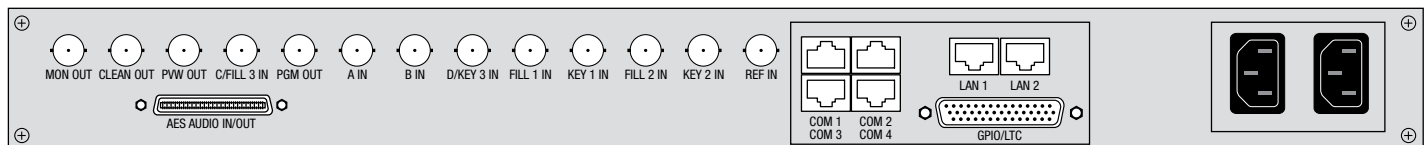
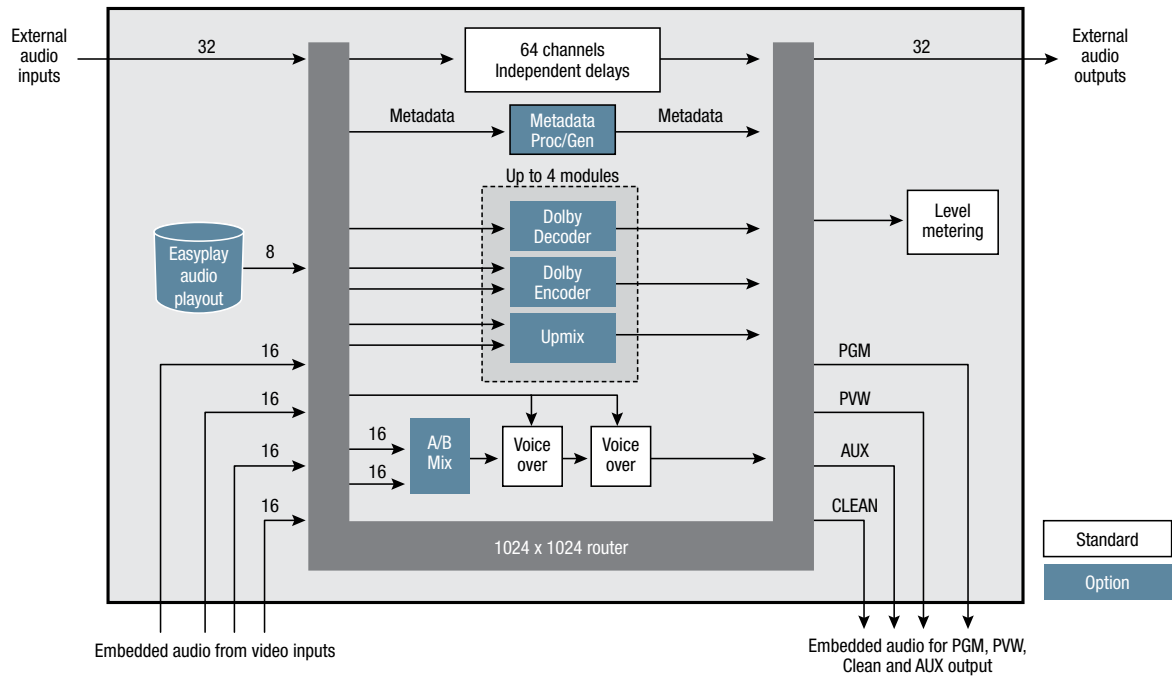
Automated and manual control

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

MASTER CONTROL AND CHANNEL BRANDING



OPTIONAL ADVANCED AUDIO FEATURES INCLUDE DOLBY ENCODING/DECODING AND 5.1 UPMIXING



Imagestore 750 rear view

ORDERING INFORMATION

IS-750 Imagestore 750 channel branding processor (dual input, 2 x fill and key, AB mix, PGM, PWV + clean out)

OPTIONS

IS-750-DVE Single channel DVE
 IS-750-DVE-DUAL Dual channel DVE
 IS-750-Audio6 Audio: 6 channels (1 group embedded, 6 AES IN, 6 AES OUT)
 IS-750-Audio16 Audio: 16 channels (4 groups embedded, 16 AES IN, 16 AES OUT)
 IS-750-EAS EAS with one AES IN
 IS-750-DOLBY Dolby decode / encode bundles (various configurations available)
 IS-750-UMX Audio upmix option
 IS-44-TBA 44-pin terminal block adapter for GPIO/LTC/Metadata connections
 IS-750-EP16 Easyplay 16 channels audio storage/playout

IS-750-ET
 IS-750-Clock
 IS-750-MEM-2GB
 IS-750-HDD
 IS-750-PSU
 PRES-STATION
 RCP-BR
 XPanel
 iMC-Panel-300
 iMC-Panel-200
 iMC-Panel-100
 iMC-Panel-GUI

Easytext character generator
 Bugclock in-vision clock
 2GB of animation playback memory
 Internal media storage hard disk drive kit
 Redundant (spare) PSU unit for IS-750
 Master control panel
 Branding Panel
 SW control panel
 Full size master control panel
 Mid-size master control panel
 Compact master control panel
 Software GUI master control panel