

Intuition XG

HD/SD graphics co-processor for Imagestore 750

The Intuition XG graphics co-processor extends the graphics and clip payout capabilities of the Imagestore 750 to allow playout of the most advanced channel branding and promotional graphics, including 'Coming up next' and interstitial promos.



■ Key Features and Benefits

MULTI-LEVEL CHARACTER GENERATION

- ⊕ A powerful, HD/SD character generator allows the playout of virtually unlimited layers of animated text and dynamically updated text

CLIPS, ANIMATIONS AND STILLS

- ⊕ Storage for up to 400 hours of video/audio clips and simultaneous playout of multiple clips
- ⊕ Playout of an almost unlimited number of layers of animated and still graphics for the most advanced branding and promotional effects.

MULTIPLE INPUT/OUTPUT OPTIONS

- ⊕ HD/SD Fill and Key outputs
- ⊕ SD output as NTSC or PAL
- ⊕ HD output as 1080i, 720p or 480p
- ⊕ VAnc + VBI extraction processing and insertion or VAnc/VBI pass through

INTEGRATION WITH GRAPHICS AUTOMATION

- ⊕ Intuition XG offers full integration with the Xmedia Suite graphics and voice-over automation for highly productive channel branding and promotional graphics workflows

AUDIO CLIP PLAYOUT

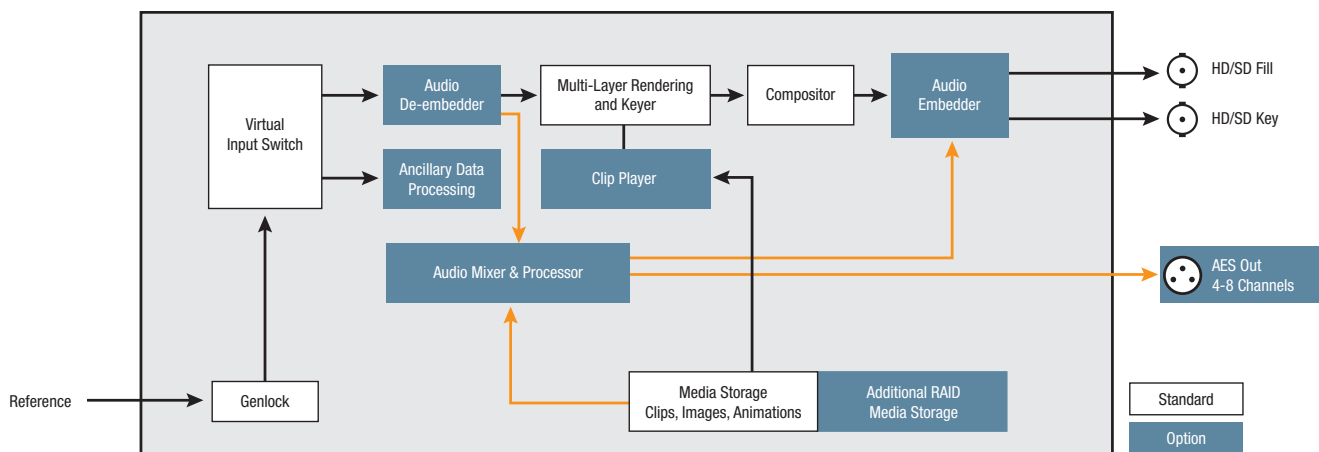
- ⊕ Intuition XG offers four group audio support, with 16 embedded channels and up to 8 AES outputs, which can feed an associated Imagestore 750

EFFECTIVE AUTOMATED & MANUAL CONTROL

- ⊕ Full automation control is provided by serial, Ethernet and GPI commands.
- ⊕ Manual control is available by the PresStation master control switcher panel or by the Xpanel GUI

ROBUST PERFORMANCE

- ⊕ Robust broadcast architecture with video bypass, redundant power, RAID storage, hot swappable fans and drives.



Intuition XG HD/SD graphics co-processor

Multi-level clip, animation and still playout

Intuition XG provides all the playout capabilities for the most advanced branding and promotional graphics



Playout of one or more clips allows creation of advanced promotional graphics effects

Multi-format clip player

The video/audio clip player can output multiple clips simultaneously, and features storage for up to 400 hours of clips in multiple formats.

- Ideal for playout of full screen or partial screen clips
- Designed for playout of automated promos, branding interstitials and emergency content
- Clip player supports MPEG-2 (I-Frame and Long GOP), MXF, IMX and DV100
- QuickTime and AVI file support with alpha channel playback

Mbps	Clip storage with different storage options (hours)						
	146 GB	300 GB	600 GB	900 GB	1200 GB	1500 GB	1800 GB
10	30	60	120	180	240	300	360
35	8	16	32	48	64	80	96
50	6	12	24	36	48	60	72
100	3	6	12	18	24	30	36



Intuition XG is ideal for highly animated 'Coming up next' graphics

Sophisticated animation controls

The sophisticated animation and still playout capabilities include:

- Virtually unlimited layers of animations and still graphics
- Independent control of each virtual layer
- Expandable graphics storage of up to 1800 GB using hot swappable drives
- Rapid loading of graphics over high speed Ethernet (10/100/1000baseT)
- Keyframe animation editor and timeline for real-time animation playback, including the following animation types:
 - ping-pong
 - single shot
 - in-loop-out
 - multiple loop with loop delay
- Animations can be cut or faded to air, and can be moved to create slide transitions, and they can also be used for reveal transitions
- Graphics can be controlled by 'business logic' to reflect data content, using Xmedia Suite applications



Highly engaging interstitial promos can be playout by Intuition XG



High quality HD/SD character generation



Advanced multi-level HD/SD character generation with full TrueType / Unicode character support

Multi-level character generation

A powerful, HD/SD character generator allows the playout of virtually unlimited layers of animated text and dynamically updated text with the following features:

- ⊕ Wide range of text effects including outlines, drop shadows and gradient fills
- ⊕ TrueType and Unicode character support for high quality display of Latin and non-Latin text
- ⊕ Text can be transitioned onto the screen by fades, slides and wipes
- ⊕ Full control of the speed of each crawl layer
- ⊕ Looping and single pass crawls



Complex, data-driven graphics with multiple layers of animated and dynamic text

Effective data interfacing

When combined with the Xmedia Suite applications, Intuition XG offers the most advanced data-interfacing capabilities for multiple applications, including business graphics and channel promotions:

- ⊕ Interfacing to Microsoft Excel files, XML, RSS feeds, web data, and multiple databases, including MS-Access, MS-SQL, Oracle and all ODBC-compliant databases
- ⊕ Interfacing to proprietary data feeds, including Reuters, AP, SportsTicker, and Bloomberg



Intuition XG provides a virtually unlimited number of layers of character generation

Intuition XG ordering information

Rendering Hardware and Software

Intuition-XG Dual F+K output HD or SD graphics engine (no input)

OPTIONS

VX-AUDIO	Discrete Audio option for any VertigoXG
VX-CLIPPLAYER	Clip player option for any VertigoXG
VX-GPI-8-I/O	PCI 8 Reed Relay Output/8 Isolated Input Module
VX-RS422	BlueStorm/LP RS-422/485, Universal PCI

Intuition XG RAID options

VX-146-L1	146 GB RAID-1 storage
VX-300-L1	300 GB RAID-1 storage
VX-146-L5-XG	146 GB RAID-5 storage
VX-300-L5-XG	300 GB RAID-5 storage
VX-600-L5-XG	600 GB RAID-5 storage
VX-600P-L5-XG	600 GB RAID-5 storage (high performance)
VX-900-L5-XG	900 GB RAID-5 storage
VX-1200-L5-XG	1.2 TB RAID-5 storage
VX-1500-L5-XG	1.5 TB RAID-5 storage
VX-1800-L5-XG	1.8 TB RAID-5 storage