

# Imagestore Intuition+

HD/SD graphics co-processor for Imagestore family

The Imagestore Intuition+ co-processor extends the graphics and clip playout capabilities of the Imagestore family processors to allow playout of the most advanced branding and promotional effects.



## Powerful graphics effects

Imagestore Intuition+ makes it easy to playout highly engaging channel branding which keeps the viewers' attention, including:

- ⊕ Playout of multiple video and audio clips for show preview graphics, moving backgrounds, and emergency material
- ⊕ Almost unlimited animation and still image playout
- ⊕ Highly automated, data-driven character generation with virtually infinite layers of crawls, rolls and 'dynamic' static text

## Advanced template based graphics workflow

Imagestore Intuition+ offers full integration with the Xmedia Suite graphics workflow tools to streamline operations:

- ⊕ Easy graphics template creation with Xstudio
- ⊕ Centralized graphics assets management with Xplorer
- ⊕ Data-interfacing and template population with Xbuilder
- ⊕ Complex graphics sequence control with Xplay

## Rugged design

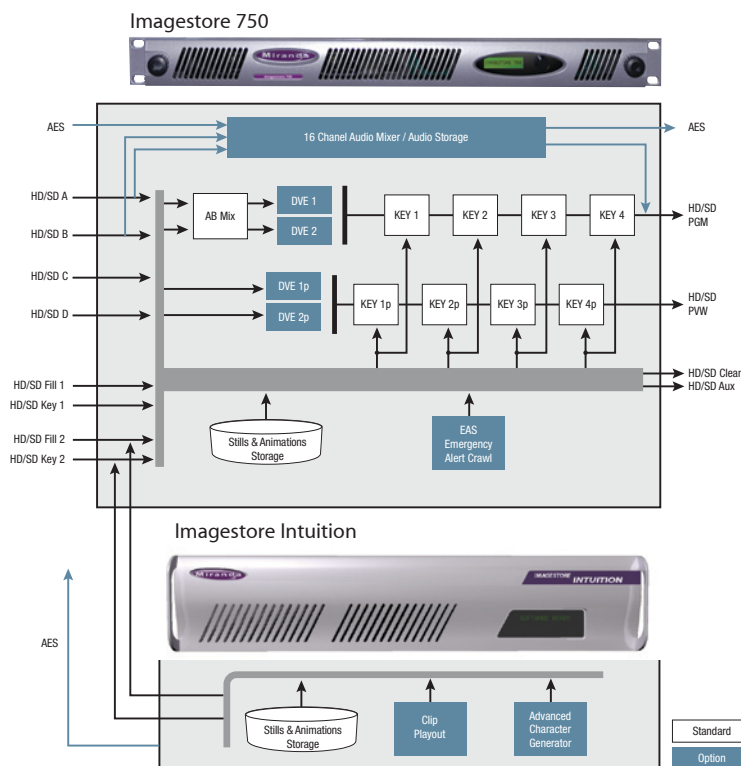
The chassis is designed for continuous 24/7 operation, and features:

- ⊕ Redundant power supplies, mechanical bypass, and LINUX OS
- ⊕ Vast internal media storage with multiple SCSI hard drives
- ⊕ Imagestore Intuition+ feeds fill/key inputs of Imagestore or traditional master control switcher
- ⊕ Rapid media loading by Gigabit Ethernet
- ⊕ Control from station automation using widely adopted Oxtel Series RS232/Ethernet protocol

## Multi-channel automated and manual control

In addition to control by the widely supported Oxtel protocol, Imagestore Intuition+ can be controlled by a choice of panels:

- ⊕ PresStation multi-channel panel offers full control of switching and multi-level graphics for up to 200 HD/SD channels (see page 265)
- ⊕ Xpanel GUI offers highly adaptable and intuitive control of multiple channels with channel ganging and full tallys (see page 233)



# Multi-level clip and animation playout

Imagestore Intuition+ greatly extends the animation playout performance of Imagestore family processors, and adds a versatile video/audio clip playout capability. It's ideal for the most complex, multi-level promotional and channel branding graphics.



Program schedule graphics can be enhanced with previews of the upcoming programming

## Playout of multiple clips

The clip playout enhances channel branding with the following features:

- ⊕ Simultaneous playout of full frame or multiple partial-screen clips
- ⊕ Easy distribution and automated control of clip files
- ⊕ Video plays with 8 channel audio (6 channels with SD version) which can feed the audio mixer of an associated Imagestore
- ⊕ Ideal for junction graphics with upcoming show previews, and for moving character generator backgrounds
- ⊕ Clip capability can also be used for interstitials, emergency material and commercials



Music channel presentation enhanced with animated lower third and logo graphics

## Advanced animation playout effects

Advanced animation playout capabilities include:

- ⊕ Instant playout of almost any number of animations and still graphics
- ⊕ Time-line control for ping-pong, single shot, in-loop-out, and multi-loop animations with loop delay control
- ⊕ Stills/animations can be cut or faded to-air, and moved to provide slide transitions and directional pans
- ⊕ Reveal transitions including box and barn doors
- ⊕ Quad SCSI hard disk array provides vast animation storage
- ⊕ Animations can include an alpha channel



Xmedia Suite offers easy template preparation, data interfacing and distribution

## Easy media preparation and loading

Animations and stills can be readily loaded into Imagestore Intuition:

- ⊕ Rapid loading of animations and stills via Gigabit Ethernet using Xmedia Suite template-based graphics workflow tools (see page 231)
- ⊕ Imagestore Intuition+ accepts multiple media formats, with automated file format conversion performed by Xplorer

<b>IMAGE</b>	jpeg, bmp (8, 24, and 32-bit), tga (24 and 32-bit), png (24 and 32-bit), tif (24 and 32-bit), gif (8, 16, and 24-bit), Photoshop psd, Quantel vpb, Oxtel oxt
<b>ANIMATION</b>	Oxtel oxi, Oxtel oxa
<b>CLIPS</b>	MPEG2, MOV

Media formats accepted by the Imagestore Intuition+

# Virtually unlimited character generation

The advanced HD/SD character generator option for Imagestore Intuition+ provides template-based, multi-level graphics, with an almost infinite number of layers of crawls, rolls and 'dynamic' static text.



Embedded templates enable graphics professionals to focus on design, without having to worry about traditional automation constraints



Financial television templates can be created with full control of text dynamics



Imagestore Intuition+ is ideal for sports channels which demand interfacing to proprietary sports news feeds

## Complete creative freedom

- ⊕ Multiple crawls and rolls can be played out simultaneously along with static text
- ⊕ Wide variety of text effects, including outlines, drop shadows and gradient fills
- ⊕ International character rendering engine, fully compliant with Unicode fonts, allows the display of multiple languages simultaneously within templates
- ⊕ High quality display of Latin and non-Latin based text, including Arabic, Japanese, Punjabi, Urdu, Hindi, Chinese scripts, Hebrew, Thai, Korean, Greek and Russian. Intelligent software engine takes care of all the contextual shaping and ligatures used in languages like Arabic.
- ⊕ Full choice of text/background color, and use of any background image

## Full control of text dynamics

- ⊕ Rendering of text left to right, right to left, and vertically
- ⊕ Text can be transitioned onto the screen with eye-catching transitions like fades, slides and wipes.
- ⊕ Timed rolls and crawls (specified by time as opposed to speed)
- ⊕ Independent, sub-pixel control of the speed of each crawl layer
- ⊕ Looping or single pass crawls and rolls
- ⊕ Templates can feature embedded time-lines for applications such as gradual reveals

## Easy automation of character generation

- ⊕ Character generator can be fully controlled by multi-session automation, including station automation and dedicated graphics automation
- ⊕ Easy graphics template data-interfacing and template population is provided by the Xbuilder application within Xmedia Suite

### Ordering Information

INT+HD-SD	Dual rate SD/HD Intuition+ graphics co-processor
INT+HD	HD Intuition+ graphics co-processor
INT+SD	SD Intuition+ graphics co-processor

#### CG Options

INT+HD-SD-CG	CG option for HD/SD Intuition graphics processor
INT+HD-CG	CG option for HD Intuition graphics processor
INT+SD-CG	CG option for SD Intuition graphics processor

#### Clip Options

INT+HD-SD-CLIP	Audio and video clip playout option for the Intuition+ HD/SD graphics co-processor
INT+HD-CLIP	Audio and video clip playout option for the Intuition+ HD graphics co-processor
INT+SD-CLIP	Audio and video clip playout option for the Intuition+ SD graphics co-processor