

The compact IMPRESS IM100 is a scalable digital signage system that is integrated with StreamNet™ for high-quality, HD video applications.



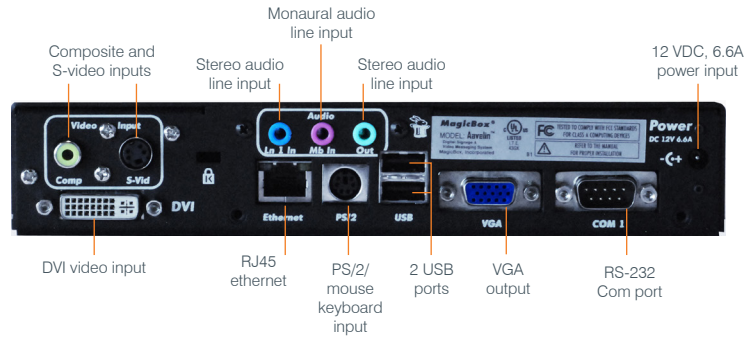
## Applications

- Corporate
- Education
- Finance
- Healthcare
- Hospitality and Entertainment
- Large Venue
- Retail

## Features

- + Fully integrated with StreamNet AV system for single-source control of multiple displays
- + Functions as source device, connected to StreamNet encoder
- + Intuitive StreamNet web/mobile control switches display sources at the touch of a button
- + IMPRESS Composer software with intuitive WYSIWYG interface
- + Remotely access and control dynamic content from any Windows PC
- + Pre-program and schedule timely content to stream throughout virtually any number of displays
- + Include text, images, Adobe Flash, RSS feeds and XML data, DivX, H.264 video and up to 4 crawling-text regions
- + Alpha transparency in crawl regions and text object fields
- + Higher performance for portrait displays and complex Adobe Flash presentations
- + HD, 1080p display support for widescreen displays supports the sharpest imagery
- + Compact form factor

## IMPRESS BACK PANEL



## Functional Specifications

### Content

Text - All TrueType fonts

Images - JPG, JPEG2000, PCD, TIFF, BMP, RLE, DIB, EPS, GIF, PNG, TGA, IMG, DXF, PCX, DCX, and WMF clipart

Video Files - DivX (1080p max res.), H.264 (mp4) (720p max res.), Flash SWF, Flash FLV

External Video - Scaled video

Overlay Regions - 4 regions for static or crawling text/graphics

### Video Modes

The IMPRESS unit in most cases will be connected with a StreamNet MLAV9300 or MLAV9500-CS encoder, with the encoded data decoded by a VL9300-CS or VL9100 decoder. The following table shows the format and resolutions of each device:

Format	Resolutions	Encoders		Decoders	
		MLAV9500-CS	MLAV9300	VL9300-CS	VL9100
4:3	800x600	✓	✓	✓	✓
	1024x768	✓	✓	✓	✓
16:9	1280x720	✓	X	✓	✓
	1280x768	✓	✓	✓	✓
	1376x768	X	✓	✓	✓
	1920x1080	✓	X	✓	X

### I/O:

Video Outputs - 1 VGA, 1 DVI  
 Audio Outputs - 1 x 1/8" stereo  
 Audio Inputs - 1 x 1/8" stereo, 1 x 1/8" mono  
 Ethernet - 10/100/1000 Mbps

### System:

Processor - Intel Core 2 Duo  
 Graphics Core - Intel GMA i945  
 Memory - 1GB  
 Hard Drive - 160 GB

### Mechanical:

Dimensions - 8.66" (220mm) Width  
 1.73" (44mm) Height  
 9.00" (228mm) Depth  
 Form Factor - Half Rack, Sub 1U  
 Power Supply - 12V, 6.6A brick supply

### Part number:

NS-IM100

## ClearOne Contacts

The Power of AV over IP™

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