

# DSA-2100A

## Network Digital Signage Player

**NEW**



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### Features

- Content-rich presentation: supports video & audio, graphics, and text
- Versatile networking methodologies: HTTP and DHCP
- Emergency events with user-defined priorities are supported along with versatile messaging.
- Multiple display zones for maximum advertising efficiency
- Flexible scheduling capability
- Advanced playback capabilities: HDTV (16:9) & VESA (4:3); NTSC & PAL
- Automatic Play-On-Power-Up
- Integrated 40 GB hard disk
- Optimized internal storage utilization and content management
- Content encryption-on-demand to ensure transmission security
- Excellent reliability: fanless design with built-in dispersion to maintain low heat
- Smart remote power management: remote off and suspend

### Introduction

The Advantech DSA-2100A Series Network Digital Signage Player receives media content such as video, audio, graphics, and text via an IP network, then stores the content on its internal hard disk drive. The content is displayed according to either a pre-defined playlist or network commands. The DSA-2100A Series features the most advanced decoder and graphic processor available. It outputs both digital and analog video signals for modern, high definition display devices: plasma and LCD screens, and projectors. The DSA-2100A is an ideal network digital content player for advertising, presentations, training, and other media applications.

### Specifications

Video	MPEG-1, MPEG-2 MP @ ML up to 14 Mbps, MPEG-4 ASP	
Audio	2 channels, MPEG-1 and MPEG-2 Layers I, II and III (MP3), 16-bit PCM, bit rate up to 384 kbps, sample rate up to 48 kHz	
Graphics	32-bit color with transparency BMP, JPEG	
Text	Variable scrolling speed and position	
Playlist	Scheduling playback, endless loop playback, auto play after power on	
<b>Inputs and Outputs</b>		
Video Outputs	DVI digital and analog	VESA DVI-I connector x 1, up to 1024 x 768 @ 60 Hz with the H/W scaler
	Composite	BNC x 1
	S-Video	Mini-DIN 4-pin connector x 1
Audio Output	R / L channel analog	Unbalanced stereo RCA jack x 2
Network	10/100 Mbps	RJ-45 x 1
Serial Port	RS-232C	D-sub 9-pin (male) x 1
USB	USB 2.0	USB Type A connector x 2
Network Protocol	Supports HTTP, DHCP; FTP (DSA-2100 only)	
<b>System</b>		
Internal Storage	40 GB 2.5" HDD	
Dimensions (W x H x D)	228 x 44 x 110 mm (9" x 1.7" x 4.3")	
Weight	Approx. 1.2 kg	
Power Consumption	Approx. 8 W	
Power	12 V DC input	
Operating Temperature	0 to 40° C, Humidity 5 ~ 85% @ 40° C	

### Ordering Information

Part Number	Descriptions
▪ DSA-2100A	Active-mode Network Digital Signage Player
▪ DSA-2100	Command-mode Network Digital Signage Player

## Features and Benefits

### Rich Content Presentation & Maximum Advertising Efficiency

Advantech's DSA-2100A Digital Signage solution supports MPEG 1/2/4, DivX 5, MP3 and other formats for video & audio, and JPEG and BMP formats for graphics. Scrolling text displays multiple languages. Advantech offers user-definable layout templates with up to 7 zones of display to deliver maximized advertising efficiency for our customers. Insertion of live events and queuing numbers are supported with versatile messaging functions.

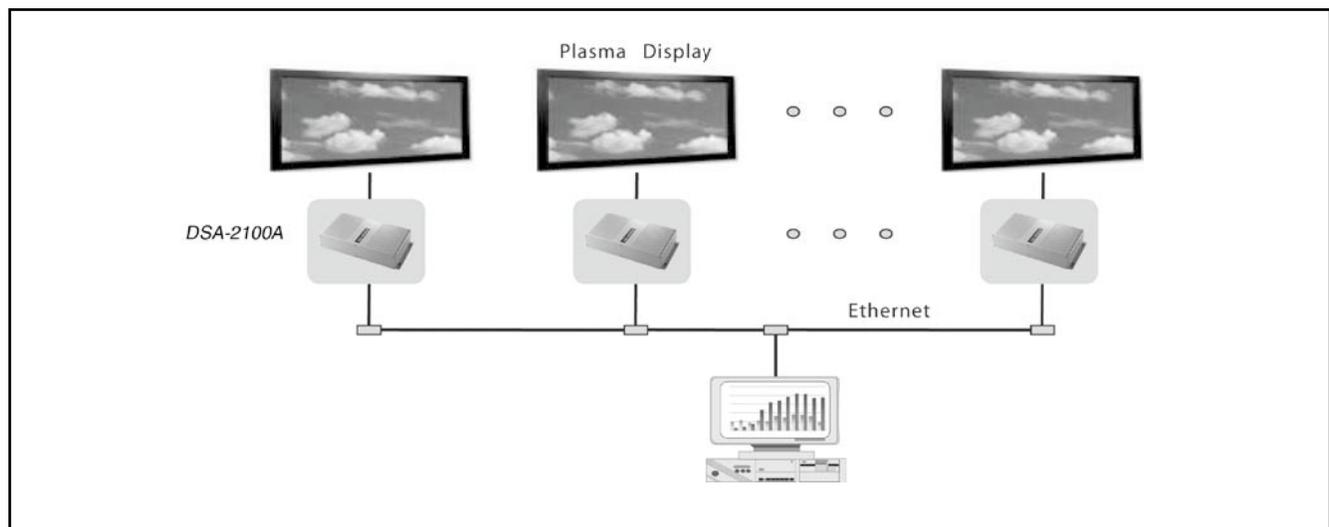
### Advanced Playback & Flexible Scheduling Capability

The DSA-2100A Advantech Digital Signage solution delivers premier display quality; HDTV (16:9) and VESA (4:3) display formats are supported. Two modes of scheduling are available: "pre-scheduling" and "instantly-effective scheduling" for live event insertions.

### Optimized Internal Storage Utilization and Content Management

The DSA-2100A is equipped with a 40 GB hard disk drive which can store up to 18 hours of compressed video at 4 Mbps. The media content can be encrypted before transmission to ensure data security and immunity from viruses, worms, and spyware. Playback, operation, and transmission logs and reports are available to support client billing and error-tracking.

## System Configuration



## I/O Ports

