DSA-5110D

Network Digital Signage Display

Features

- Built-in wide 10.2" TFT LCD with 800 x 480 resolution
- Compact size design with embedded stereo speakers
- Content-rich presentation: supports video & audio, graphics, and text
- Supported network protocol: HTTP and DHCP
- Multiple display zones for maximum advertising efficiency
- Flexible scheduling capability
- Automatic Play-On-Power-Up
- Built-in embedded disk-on-module
- Excellent reliability: no moving parts with fanless design
- Optional external video and audio input

Introduction

The Advantech DSA-5110D Network Digital Signage Display integrates with a 10.2" TFT LCD. It receives media content such as video, audio, graphics, and text via an IP network, then stores the content in its internal or external storage. The content is displayed according to either a pre-defined playlist or network commands. The DSA-5110D series features the most advanced decoder and graphic processor available. The DSA-5110D is an ideal network Digital Signage display solution for advertising, presentations, training, and other media applications.

Specifications

Player Contents		
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 384 kbps, sample rate up to 48 kHz	
Graphics	32-bit color with transparency BMP, JPEG	
Text Banner	Variable scrolling speed and position	
Playlist	Scheduling playback, endless loop playback, auto play after power on	
Input and Output Ports		
Video Output	Built-in LCD disply	10.2", 800 x 480 pixels
Audio Output	R / L channel analog	1 x 3.5 Stereo phone jack
	Embedded Speakers	3 Watts Stereo
Network	10/100 Mbps	1 x RJ-45 jack
USB	USB 2.0 Host	2 x USB type A ports
Network Protocol	Supports HTTP, DHCP	
Display		
Size	10.2" Wide (Diagonal)	
Resolution	800 x 480 pixels RGB (Wide-VGA)	
Number of Colors	262,144	
Surface Treatment	Anti-glare	
Contrast Ratio	400 (typ.)	
Brightness	400 cd/m² (typ.)	
Viewing Angle	45/65/65/65° for U/D/L/R (typ.)	
System		
Storage	Internal flash memory disk (Disk-on-module) 1 GB default	
Dimensions (W x H x D)	256 x 195 x 52 mm (10.1" x 7.7" x 2.1")	
Net Weight	Approx. 2.9 kg	
Power Supply	DC 12 V input	
Operating Temperature	0 ~ 40° C (32 ~ 104° F), Humidity 5 – 85% @ 40° C	

Benefits

Rich Content Presentation & Maximum Advertising Efficiency

Advantech's DSA-5110D 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.
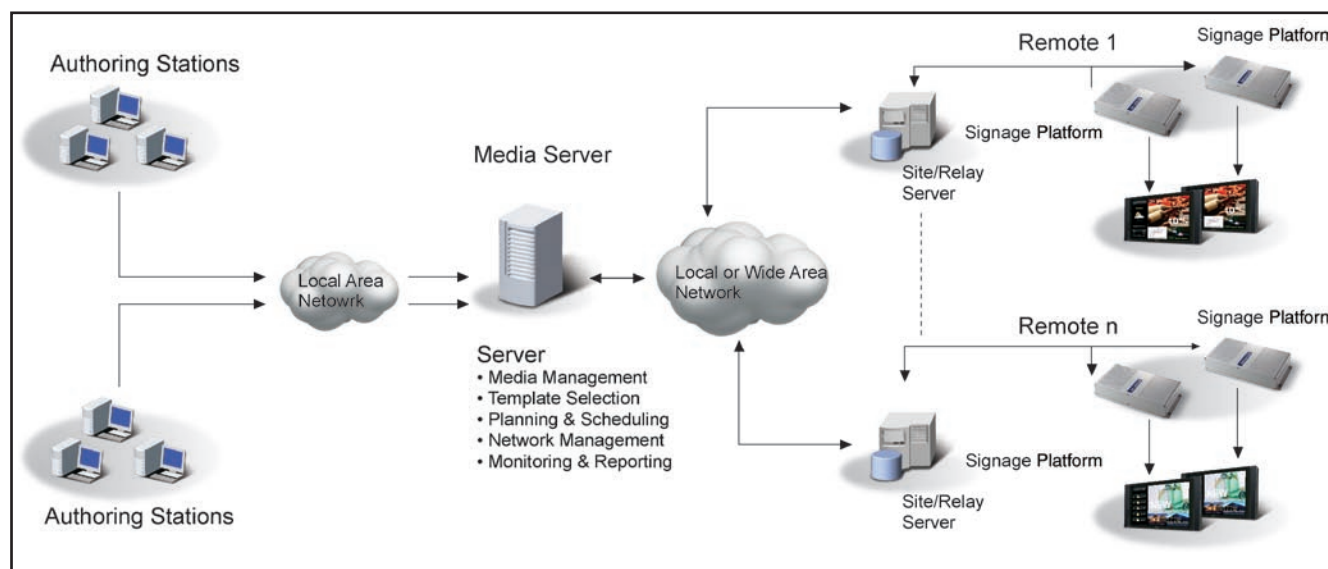
Compact Size with High Performance Display

The DSA-5110D comes with a built-in 10.2" TFT wide LCD, and a pair of high-fidelity stereo speakers. With a 256 x 195 mm (10.04" x 7.68") compact dimension, it provides versatile input and output functions that offer users and developers the best performance and convenience.

Optimized Internal Storage Utilization and Content Management

The DSA-5110D is equipped with an internal Disk-on-Module. It offers flexible storage space with optimum utilization. Playback, operation, and transmission logs and reports are available to support client billing and error tracking.

System Configuration

Ordering Information

Part Number	Descriptions
DSA-5110DE	DSA-5110D, 10.2" Network Digital Signage Display

Power Cord Options

Part Number	Descriptions
1702002600	Power cord, 180cm, 180D, US/UL
1702031836	Power cord, 180cm, 180D, AU/SA
1702002605	Power cord, 180cm, 90D, EU/CE
1702031801	Power cord, 180cm, 90D, UK/5A fuse