

# DSA-2130

## Advanced Digital Signage Player

NEW



### Features

- Full-HD 1080p video decoding
- Compliance with full POPAI Screen Media Formats Standard compliance
- HDMI audio/video connectivity
- Open standard W3C SMIL 3.0 API for professional developers
- Automatic Play-on-Power-up
- Extremely reliability: fanless and low power consumption



## Introduction

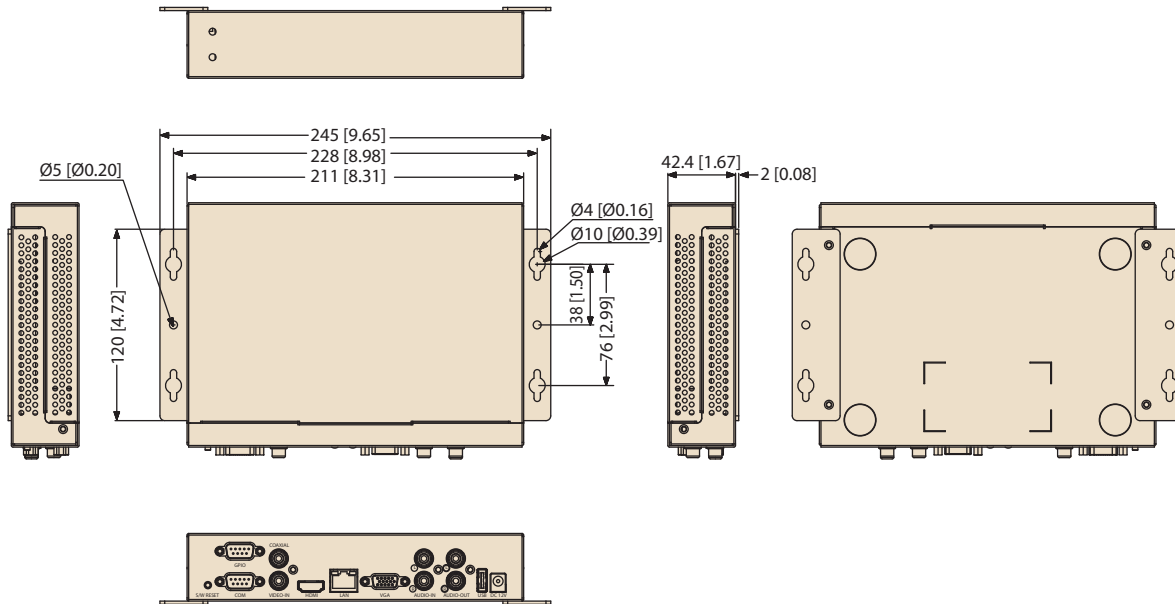
The Advantech DSA-2130 is an advanced industrial-grade network-managed digital signage playback system with Full-HD 1080p MPEG, H.264, and VC-1 via HDMI. It receives media content via an IP network, and stores the content in its internal storage. The content is displayed according to either a pre-defined playlist or network commands. The DSA-2130 features the industry's highest standards for hardware video decoding performance. The complete set of S1 to S12 media formats as defined by POPAI, the industry's standards-advocacy organization, are fully supported by the DSA-2130. Advanced HDMI connectivity delivers Full-HD 1080p digital video and digital stereo audio output over a single compact connection, providing best possible visual presentation at 1920 x 1080 resolution.

## Specifications

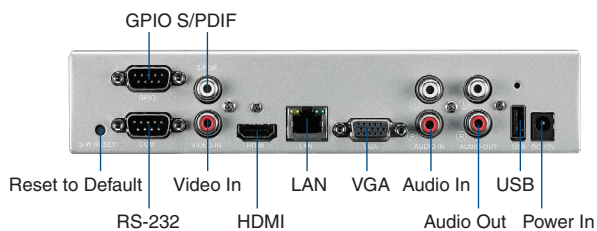
Media formats	Video codec	MPEG-4.10 (H.264) BP @ L3, MP @ L4.0* and HP @ L4.0*, SMPTE 421M (VC-1) MP @ HL and AP @ L3, WMV9 MPEG-2 (@ ML up to 14 Mbps) MPEG-4 (Part 2 ASP format) WMV, H.264	
	Video format	VOB, AVI, WMV	
	Audio codec	2 channels, MPEG-1 and MPEG-2 Layers I, II and III (MP3), 16-bit PCM, bit rate up to 384 kbps, sample rate up to 48 kHz	
	Still image format	BMP, JPEG, PNG	
	Text	Variable scrolling speed and position	
Display Compatibility	Aspect ratio	4:3; 16:9 (landscape mode only)	
	Output resolution	4:3 ratio -- 640 x 480, 800 x 600, 1024 x 768, 1280 x 1024 16:9 ratio -- 1280 x 720, 1366 x 768, 1920 x 1080	
	Display connector	HDMI (including video and audio), D-sub (VGA)	
Player Function	Open API support	W3C SMIL 3.0 (sub-set): region/layout/z-order, smilText, wallclock (ISO-8601), sequential, parallel, and exclusive scheduling, HTTP streaming and local storage support	
	Program update	Through LAN, WAN or USB storage	
	Scrolling text	Variable scrolling speed and position	
	Playlist	Scheduling playback, endless loop playback, auto play after power on	
Network	10/100 Mbps	1 x RJ-45	
I/O Ports	Video-out	Digital Video	1 x HDMI 1.3
		VGA	1 x D-Sub 15-pin
	Audio-out	R / L channel analog	2 x unbalanced stereo RCA jack
		S/PDIF	Coaxial digital audio output
	Video-in	Composite	1 x RCA jack
	Audio-in	R / L channel analog	2 x unbalanced stereo RCA jack
	Serial	RC-232C	1 x D-Sub 9-pin (male)
	USB	USB 2.0 Host	1 x USB Type A connector
Network portocol		HTTP, DHCP	
Storage	IDE	40GB HDD (default)	
Power	Power computation	Approx. 15W	
	Power supply	DC 12V input	
Environment	Temperture	0 to 40° C	
	Relative humidity	5-85% @ 40° C	
Physical	Dimension	211 x 153 x 43 mm (8.31" x 6.02" x 1.69")	
	Net Weight	Aapprox. 1.2 kg (2.64 lb.)	

## Outlook Drawing

Unit: mm (inch)



## I/O Port Layout



## "Manager Express" Software for PC

Combining ease of use with high performance, the DSA-2130 includes the "Manager Express" software to provide simple-yet-powerful three-step management for your digital display. Create full-blown playback schedules for videos, text, and graphical messages using time-saving schedule templates. Intuitive design lets new users add, rearrange, and preview playback quickly in a calendar overview. The network synchronization feature automatically identifies multiple DSA-2130 devices on a network and updates all units simultaneously with your program contents, streamlining maintenance routines.

## W3C SMIL API Supported by Industry Leaders

For advanced users, the DSA-2130 offers industry-leading compatibility by supporting the XML-based SMIL (Synchronized Multimedia Integration Language) open standard. Established by the W3C (World Wide Web Consortium) with supporting products from Adobe, Apple, Microsoft, and Real Networks, open standard compliance means more resources at your disposal and quicker integration on your next project. Software developed on the DSA-2130 is re-usable across hardware of different price-performance combinations, allowing you to build up service differentiation and accumulate valuable intellectual property.

## Ordering Information

Part Number	Description
DSA-2130E	DSA-2130, 40GB HDD storage
DSA-2130-IAE	DSA-2130, 40GB HDD storage, Advantech Manager Express software

## Power Cord Option

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