

Digital Signboard XDS-245W/L

24-inch Wide Angle Full-HD Network Display



The IAdea XDS-245W/L Digital Signboard is a SMIL programmable digital signage device with dedicated hardware-based High Definition (HD) 1080p video playback. The device is designed primarily for use with a management server.

Full-HD video decoder on 24" wide-angle MVA LCD

The XDS-245W/L offers the industry's highest standards for hardware video decoding performance. Support for *S1* to *S12* media profiles, as defined by POPAI, the industry's standards establishing organization, simplifies device selection and content creation.

The 24-inch, 24-bit color MVA panel offers 16.7 million colors at 1920x1080 resolution for optimal presentation of HD video and still content. The wide viewing angle of the MVA LCD makes it suitable for 9:16 portrait-mode content display.

VESA mountable integrated signage unit

The XDS-245W/L integrates essential signage hardware and features in a VESA-mountable display unit. A watchdog timer lets the display recover and resume playback from power, network, or other disruptions. The all metal enclosure provides reliable passive cooling and features screw-lock connectors to prevent loose cables. Covered CF card slot lets you expand beyond the 4GBs of built-in solid-state local storage while preventing removal of card. The XDS-245W variant provides built-in wireless b/g/n (2.4GHz only) to offer connected signage via a single power cord.

Works with your management solution

IAdea's SMIL open standard players offer a new class of dedicated hardware that works with your existing management solution. IAdea works with leading signage companies to provide a repertoire of modular signage hardware, from shelf-top 10" digital signboards, HD poster displays, to Blu-ray-quality HD video appliances and 24" all-in-one Full-HD video signboards. Developers can also leverage W3C SMIL (Synchronized Multimedia Integration Language) compatibility across various SMIL based signage appliances to meet project-specific budgets and changing criteria.

Highlights

- ◆ **Full-HD 1080p hardware video decoder**
- ◆ **24-inch wide-angle MVA LCD panel**
- ◆ **VESA mountable integrated signage unit**
- ◆ **Works with your management solution**

Suitable for

- ◆ **Airports & train stations**
- ◆ **Hospitality and conference venues**
- ◆ **Electronic menu boards**
- ◆ **Chain store merchandising**

Technical Specification

POPAI Screen Media Standards Support

- S1 (JPEG 480p baseline)
- S2 (JPEG 720p baseline)
- S3 (JPEG 1080p baseline)
- S4 (MPEG L2 audio)
- S5 (MP3 audio, 384Kbps)
- S6 (MPEG-1 SIF, 3Mbps CBR)
- S7 (MPEG-1 480p, 10Mbps CBR)
- S8 (MPEG-1 720p, 15Mbps CBR)
- S9 (MPEG-2 480p, 6Mbps CBR)
- S10 (MPEG-2 720p, 12Mbps CBR)
- S11 (H.264/MPEG-4 AVC, 480p, 6Mbps CBR)
- S12 (H.264/MPEG-4 AVC, 720p, 10Mbps CBR)
- E1 (PNG 24bpp+alpha, 480p)
- E2 (PNG 24bpp+alpha, 720p)
- E3 (PNG 24bpp+alpha, 1080p)
- E4 (VC-1/WMV9, MP@ML, 720p)
- E5 (VC-1/WMV9, MP@HL, 1080p)
- E6 (MPEG-2, 1080p, 20Mbps CBR)
- E7 (MPEG-4 ASP, 480p, 10Mbps CBR)
- E8 (H.264/MPEG-4 AVC, 720p, 10Mbps CBR)
- E9 (H.264/MPEG-4 AVC, 1080p, 25Mbps CBR)

Digital Signage Features

- Auto-play starts playing scheduled contents automatically when power is re-established
- Automatic error recovery with built-in WDT
- Real-time clock keeps time for up to 12 hours unplugged
- Automatic NTP keeps time and date in sync

Playback Control

- W3C SMIL 3.0 instructions (sub-set)
- Real-time clock playlist events
- Network playlist sync
- USB direct sync

Content Management

- Manager Express starter utility
- 3rd party solution (optional license)

Display and Sound

- 24"W MVA TFT LCD panel
- 300 nits maximum brightness
- 1920 x 1080 Full HD resolution
- Built-in stereo speakers 2Wx2

Local Storage

- 4 GB flash memory (Holds up to 90 min of typical 5 Mbps high def. video)
- CF card slot (card replaces internal storage)

Network Connectivity and I/O Ports

- Ethernet: RJ45 Port
- Wi-Fi: IEEE 802.11 b/g/n (XDS-245W only)
- 3.5mm Audio out
- USB x 2
- 5-Button OSD control

Mounting Options

- VESA MIS-D 100 mounting posts

Accessories

- 3.5mm to Audio cable
- Ethernet cable
- (Optional) Remote controller
- (Optional) 100 x 100 mm VESA stand

Power

- Universal AC adapter: 12V DC / 6.6A

Environmental

- Operating temperature: 0 to 40° C
- Humidity 5 – 85% @ 40° C non-condensing

Dimensions (WxDxH)

- 22.7" X 13.5" X 2.7"
(576mm X 344mm X 69 mm)

Weight

- Approx. 11bs (5kg)

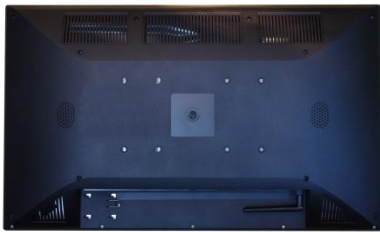
Certifications

- CE/FCC/RoHS

Warranty

- 1-year limited parts & labor

Product Photos



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