

Digital Signboard XDS-245

24-inch Wide-angle viewable Full-HD Network Display



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

Full-HD 1080p 24" wide-angle MVA panel

The XDS-245 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. **Multi-zone screen layout**, transparent PNG overlay, and graphical scrolling ticker support offer greater flexibility for signage display.

The 24-inch, 24-bit color MVA panel offers 16.7 million colors at 1920x1080 resolution for optimal presentation of 1080p HD video and HD images. 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-245 integrates essential signage hardware and features in a VESA MIS-D100 mountable display unit. A watchdog timer lets the display recover and resume playback from power, network, or other disruptions. The custom 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. In addition to a built-in Ethernet port, the XDS-245 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 24" wide-angle MVA 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

- Multi-zone screen layout, transparent PNG overlay, and graphical scrolling ticker
- 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
- Compatible with 3rd party solution (optional license)

Display and Sound

- 24" 16:9 MVA TFT LCD panel
- LED backlight
- 250 nits maximum brightness
- 1920 x 1080 Full HD resolution
- Built-in stereo speakers 2Wx2

Local Storage

- Internal 4 GB flash memory (approx. 90 min of high def. video @5 Mbps)
- CF card slot (card replaces internal storage)

Network Connectivity and I/O Ports

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

Mounting Options

- VESA MIS-D 100 mounting points
- VESA MIS-E 200 mounting points

Accessories

- Power adapter
- Ethernet cable
- Wi-Fi antenna
- Monopod flex stand
- (Optional) PVK-202 VESA display stand



Power supply

- Universal AC adapter: 12V DC / 5A
- UL/PSE (Japan) certified

Power consumption

- 36 Watts (video playback at 100% brightness)

Environmental

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

Dimensions (WxHxD)

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

Weight

- Approx. 11bs (5kg)

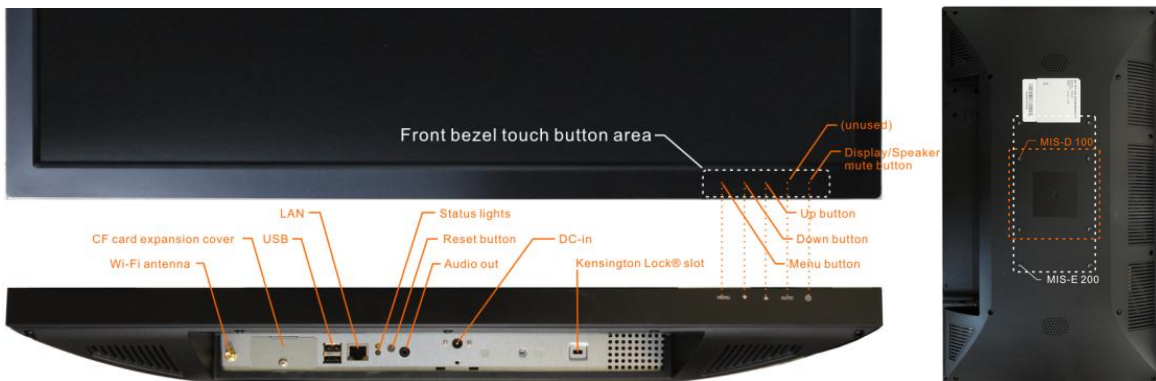
Certifications

- CE/FCC/RoHS

Warranty

- 1-year limited parts & labor

Product Photos



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