

Digital Signboard XDS-151W/L

15.6" Widescreen Network Display



IAdea XDS-151W/L Digital Signboard is a 15.6" widescreen, all-in-one digital signage display with dedicated digital signage features. The device is designed primarily for use with a management server.

15" LCD for HD images and DVD-quality video

The XDS-151W/L features a 300-nits, 15 inch wide aspect ratio LCD panel with 1366x768 panel resolution for best possible rendition of still frame HD images. Posters and information screen content appear razor-sharp with 720p high-definition (still equivalent) resolution. The built-in hardware-based video decoder is also capable of playing smooth DVD-quality MPEG-4 ASP videos up to 30 frames per second, enhancing the screen's flexibility in signage use.

VESA mountable integrated signage unit

The XDS-151W/L integrates essential signage hardware and features in a VESA-mountable display unit. The compact unit integrates the media player, high brightness display, expandable local storage, and built-in Ethernet for easy placement. 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 SD card slot lets you expand beyond the 2GBs of built-in solid-state local storage while preventing removal of card. The XDS-151W variant features built-in wireless b/g/n (2.4GHz only) networking to maximize installation options.

SMIL open API for interoperability

IAdea's industry leading W3C SMIL support paves the way for interoperable systems and efficient application development across a growing family of standards-compliant signboards and media player hardware.

Highlights

- ◆ **15" LCD for HD images and DVD-quality video**
- ◆ **VESA mountable integrated signage unit**
- ◆ **Works with your management solution**

Suitable for

- ◆ **In-store promotion**
- ◆ **Interior décor integration**
- ◆ **Museum displays**
- ◆ **Library information system**

Technical Specifications

Screen Media Standards Support

- Image: JPEG baseline profile, up to 12 megapixels (1280x720 optimum)
 - Audio: MPEG L2 or MP3, up to 320Kbps
 - Video: MPEG-1 or MPEG-4 ASP, 2Mbps (720x400 optimum)
- NOTE: MPEG 2 video is NOT supported

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 battery keeps time for up to 2 years 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 management software

Display and Sound

- 15.6" TFT LCD wide aspect ratio
- 300 nits maximum brightness
- 1366x768 panel resolution
- Built-in stereo speakers 2Wx2

Local Storage

- Internal 2GB local storage (approx. 120 minutes of maximum quality video @2Mbps or thousands of still images)
- Memory card slot: Secure Digital (SD/SDHC)
- Card capacity: Tested up to 8GB (SDHC)

Network Connectivity and I/O Ports

- Ethernet: RJ45 Port
- Wi-Fi: IEEE 802.11 b/g/n (XDS-151W only)
- USB storage host (Type A)
- 3.5mm stereo audio out jack

Supplied Accessories

- Hardware guide
- AC power adapter
- Simple display stand
- LAN cable
- Software CD (selected SKUs only)
- Software guide (selected SKUs only)

Optional Accessories

- 75 x 75 mm VESA Stand
- Wireless IEEE 802.11 b/g/n module

Dimensions

- Main body (WxHxD):
382 x 253 x 71 mm / 15" x 9.96" x 2.80"

Weight

- 2.72 Kg / 6.0 pounds

Power supply

- Rating: 12V / 4A
- UL/PSE (Japan) certified

Environmental

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

Certifications

- CE/FCC
- RoHS

Warranty

- 1-year limited parts & labor

Product Views



Front View
300-nits 15.6" 16:9 display



Rear View
XDS-151W shown with Wi-fi



Power plug bracket
Keeps power plug in place

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