SMILSignage Display24

24-inch Wide-angle Full-HD Network Display
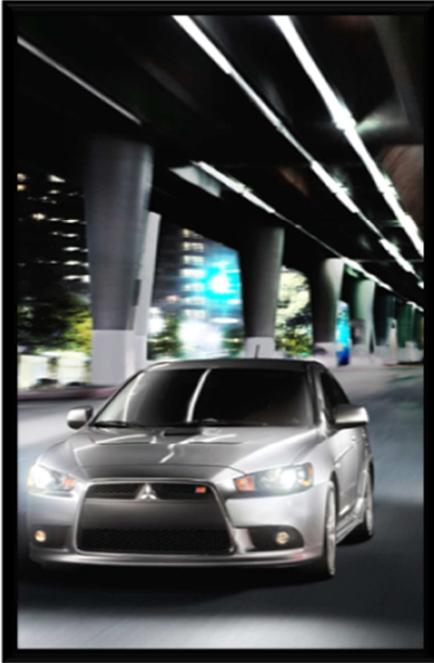
The SMILSignage Display24 delivers DVD quality video and is the industry's first to provide vivid video playback with dedicated hardware-based High Definition (HD) 1080p video decoding, capable of rendering dynamic information using HTML5 technology, and be manageable from leading software solutions via SMIL. The device is designed primarily for use with a management server.

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

The SS Display24 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 representation 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.

Rich dynamic display with latest technology

Employing the latest content technology HTML5, the SS Display24 is designed for displaying a wide range of dynamic information at the point of service. A capable web developer can quickly integrate news, weather, sports, financial data, as well as social media feeds to make digital signage more relevant and interesting. The same technology enables pulling live data from back-end database to show transit arrival/departure information, service queue status, and corporate-level management information.

Supported by most management solutions

SMIL open standard players offer a new class of dedicated hardware that works with your existing management solution. We work 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
- ✓ Rich dynamic display with latest technology
- ✓ Supported by most management solutions

Suitable for

- ✓ Airports & train stations
- ✓ Hospitality and conference venues
- ✓ Electronic menu boards
- ✓ Stadium and campus video streaming

Technical Specifications

Open Standards Support
HTML5, JavaScript, and CSS
W3C SMIL for cross-platform management
W3C Widgets for HTML delivery
RTSP streaming with H.264 multi-casting
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

HTML5 Support
SmartWidgets™ for calendar, clock, news, weather, Twitter, and web page integration
HTML5 technologies including CSS and Javascript
WebKit-based browser engine, same as Google Chrome™ and Apple Safari® browsers

Playback Control
Real-time clock playlist events
Network playlist sync
USB direct sync

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"
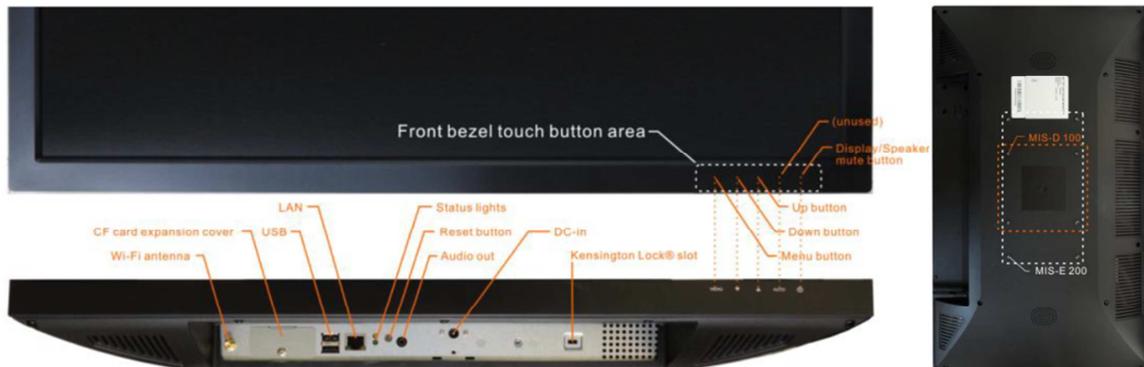(576mm X 344mm X 69 mm)

Weight
Approx. 11bs (5kg)

Certifications
CE/FCC/RoHS

Warranty
1-year limited parts & labor

Front bezel touch button area
(unused)
Display/Speaker mute button
LAN
Status lights
Up button
CF card expansion cover
USB
Reset button
DC-in
Down button
Wi-Fi antenna
Audio out
Kensington Lock® slot
Menu button
MIS-D 100
MIS-E 200