MP-4KHDM

HDMI 4K Digital Signage Player

Solid-State, Fanless Network Media Player

KEY FEATURES

- Always On with App Lock feature to prevent unauthorized access
- HTML5 technologies including CSS and Javascript enabled;
- Widgets for calendar, clock, news, weather, and web page integration with the ability to add custom created widgets
- Multi-zone screen layout, transparent PNG overlay, and graphical scrolling ticker
- Auto-play starts playing scheduled contents automatically when powered on
- Fanless (zero noise) with built-in 8 GB Solid-State Storage
- Automatic error recovery with built-in WDT
- Real-time clock with backup clock battery
- AVSign Pro software to create media content with the ability to use third party solutions like Scala (optional license cost);
- Micro SD card slot (support up to 32GB storage)
- Strong Cache for continued playback even when network is not available
- Built-in wall mount bracket
- 4K output resoultion
- Compatible with 3rd party USB devices such as GPS sensors.
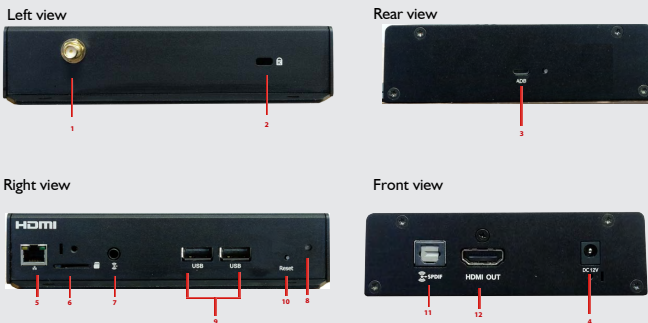- Able to upload content over the network (WiFi or Hardwired).

MP-4KHDM
SSD Digital Signage Player

FEATURED WIDGETS

Web Page | RSS | Clock | Weather | Conference Calendar | Calendar | Stock Ticker

Android-based Media Player

PANEL DESCRIPTION

Left view

Rear view

Right view

Front view

1	Wifi antenna jack	**2**	Lock Port
3	LAN Port	**4**	Power Jack 12V
5	Reset	**6**	SD card Slot
7	3.5 Audio Jack	**8**	USB Firmware Update
9	USB Ports	**10**	Power LED
11	Optical Out	**12**	HDMI OUT

ITEM	SPECIFICATION
Model	MP-4KHDM
Description	4K Digital Signage Player
HDMI Standard	HDMI 2.0
Privacy and Security	Password Protected
Supported Resolution	480i~1080p (1920x1080), 4K (3840x2160)
Local Storage	8 GB eMMC built-in (approx. 360 minutes of typical 720p video @3 Mbps)
Control	PC Software and OSD
Audio Support	Supports LPCM 2/5.1/7.1CH, Dolby Digital 2/5.1CH, DTS 2/5.1CH (Bypass), DolbyTrueHD and DTS-HD Master Audio
Connectivity	Wireless: 802.11 b/g/n, HDMI 2.0 (3840x2160 @60fps), Ethernet 10/100 BASE-T, 3.5mm analog stereo audio out, S/PDIF out, USB 2.0 x 2, Micro USB for ADB, Optional 3G/4G mobile module via USB
Dimensions (LxWxH)	5.45" x 5.04" x 1.19"
Weight	0.74 lbs
Power Supply	100-240V, 50-60 Hz, 0.5A Max.12V/1.5A DC
Certification	CE/FCC/IC
Operating Temperature	-4°~ 122°F (-20° to 50°C)
Storage Temperature	-4° ~ 140°F (-20° ~ 60°C) 20~90% RH (no condensation)

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TECHNICAL SPECIFICATION

Open Standards Supported

- HTML5, JavaScript, and CSS
- Android 4.4 API
- W3C SMIL for cross-platform management
- W3C Widgets for HTML delivery
- POPAI Digital Signage Content Standards,

including:

- S1 (JPEG 480p baseline)
- S2 (JPEG 720p 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)
- E4 (VC-1/WMV9, MP@ML, 720p)
- E7 (MPEG-4 ASP, 480p, 10Mbps CBR)
- E8 (H.264/MPEG-4 AVC, 1080p, 20Mbps CBR)

Video Format Supported

- H.265/HEVC up to 4K (3840x2160)
- H.264/AVC up to 1080p (1920x1080)
- MPEG-4 up to 1080p (1920x1080)
- MPEG-2 up to 1080p (1920x1080)
- MPEG-1 up to 1080p (1920x1080)
- VC-1 up to 1080p (1920x1080)

Advanced Signage Features

- Remote commissioning
- AlwaysOn, AppLock to prevent unauthorized acaccess
- StrongCache for continued playback even when network is not available

Digital Signage Features

- Multi-zone screen layout, transparent PNG overlay, and graphical scrolling ticker
- Automatic error recovery with built-in WDT
- Real-time clock with backup clock battery

HTML5 Support

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

Content Management

- AVSignpro Express Utility
- 3rd party solution (optional license)

Connectivity

- Wireless: 802.11 b/g/n
- HDMI 2.0 (3840x2160@60p)
- Ethernet 10/100 BASE-T
- 3.5mm analog stereo audio out
- S/PDIF out
- USB 2.0 x 2
- Micro USB for ADB
- Optional 3G/4G mobile module via USB
- VGA Out
- RS-232
- Bluetooth low energy beacon

Local Storage

- 8 GB eMMC built-in (approx. 360 minutes of typical 720p video @3 Mbps)
- Micro SD card slot (support up to 32GB storage, card replaces interal storage)

Dimensions for Product and Package

- Size: 138.60mm x 128.10mm x 30.20mm / 5.45" x 5.04" x 1.19"
- Weight: 334.2g / 0.74lbs.
- Individual Package Size: 226mm x 172mm x 89mm / 8.89" x 6.77" x 3.5"
- Outer Carton Size: 482mm x 390mm x 245mm / 18.97" x 15.35" x 9.64"
- Units per Outer Carton: 10

Mounting kit

- Built-in wall mount bracket

Supplied accessories

- HDMI cable
- External 2dB Wireless antenna
- Velcro
- Power/Micro SD card brackets

Expansion Options

- 16GB/32GB micro SD/SDHC memory card

AC Adapter

- Input: 100-240V, 50-60 Hz, 0.5A Max.
- Output: 12V, 1.5A
- UL/CB/PSE certified power supplies
- Interchangeable connector system includes US plugs (Option for EU, UK and AUS plugs)

Environmental

- Operating temperature: -20 to 50℃
- Humidity: 10 to 85% @ 45°C, non-condensing
- Shock: IEC 60068-2-27 Table A.1 (railway related)
- Vibration: 1.5G @ 5-200Hz, random

Certifications

- CE/FCC/IC

Warranty

- 3-year limited parts & labor

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