

# MP-4KHDM-V2

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 16 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 128GB storage)
- Strong Cache for continued playback even when network is not available
- Built-in wall mount bracket
- 4K output resolution
- Compatible with 3rd party USB devices such as GPS sensors.
- Able to upload content over the network (WiFi or Hardwired).

## MP-4KHDM-V2 SSD Digital Signage Player



### FEATURED WIDGETS



## PANEL DESCRIPTION



- |                            |                              |
|----------------------------|------------------------------|
| <b>1</b> Wifi antenna jack | <b>2</b> Lock Port           |
| <b>3</b> LAN Port          | <b>4</b> Power Jack 12V      |
| <b>5</b> Reset             | <b>6</b> HDMI OUT            |
| <b>7</b> 3.5 Audio Jack    | <b>8</b> USB Firmware Update |
| <b>9</b> USB Ports         | <b>10</b> MicroSD card slot  |



## ITEM

## SPECIFICATION

<b>Model</b>	MP-4KHDM-V2
<b>Description</b>	4K Digital Signage Player
<b>HDMI Standard</b>	HDMI 2.0
<b>Privacy and Security</b>	Password Protected
<b>Supported Resolution</b>	480i~1080p (1920x1080), 4K (3840x2160)
<b>Local Storage</b>	16 GB eMMC built-in video
<b>Control</b>	PC Software and OSD
<b>Audio Support</b>	MP3 up to 320 Kbps
<b>Connectivity</b>	Wireless: 802.11 b/g/n, HDMI 2.0 (3840x2160 @60fps), Ethernet 10/100 BASE-T, 3.5mm analog stereo audio out, USB 2.0 x 2, Micro USB for ADB, Optional 3G/4G mobile module via USB
<b>Dimensions (LxWxH)</b>	6.54" x 4.92" x 1.06"
<b>Weight</b>	0.98 lbs
<b>Power Supply</b>	100-240V, 50-60 Hz, 0.5A Max. 12V/1.5A DC
<b>Certification</b>	CE/FCC/IC
<b>Operating Temperature</b>	-4° ~ 122°F (-20 to 50°C)
<b>Storage Temperature</b>	-4° ~ 140°F (-20° ~ 60°C) 5~85% RH (no condensation)



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# MP-4KHDM

HDMI 4K Digital Signage Player



## TECHNICAL SPECIFICATION

### Open Standards Supported

- ♦ HTML5, JavaScript, and CSS
- ♦ Android 7.0 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 access
- ♦ 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 10/100/1000 BASE-T
- ♦ 3.5mm analog stereo audio out
- ♦ USB 2.0 x 2
- ♦ Micro USB for ADB
- ♦ Optional 3G/4G mobile module via USB
- ♦ RS-232
- ♦ Bluetooth low energy beacon

### Local Storage

- ♦ 16 GB eMMC built-in
- ♦ Micro SD card slot (support up to 128GB storage, card replaces internal storage)

### Dimensions for Product and Package

Top housing: 166 x 99 x 25mm  
6.54" x 3.90" x 0.98"  
With Base: 166 x 125 x 27mm  
6.54" x 4.92" x 1.06"  
♦Weight: 445g / 0.98lbs.

♦ 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 (Base)

### Supplied accessories

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

### Expansion Options

- ♦ Up to 128 GB 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°C
- ♦ 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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