



# kramer

## KDS-MP4

4K60 4:2:0 Digital Signage Media Player

| HDMI | Ethernet - RJ-45 | 4K/60 UHD (4:2:0)



KDS-MP4 is a high-quality LAN-based 4K@60Hz (4:2:0) digital signage media player. The unit receives content from the Media Manager software installed on the PC, either via LAN or from an external USB memory stick, loads it into its internal memory and then displays it with image quality of up to 4K60 4:2:0 via the HDMI output

### FEATURES

- 4K@60Hz (4:2:0) Support
- High Quality HDMI Video & Audio
- Codec Format Support - MPEG-1, MPEG-2, MPEG L2, MP3, H.264/MPEG-4, and VC-1
- Memory Options - 8GB internal
- NTP Client - For time synchronization
- Integrated SMIL Control - CMS device management in LAN environments
- SMIL 3.0 Instruction (Sub-Set) Support
- CMS Device Management - In LAN environments using the integrated SMIL control
- Perforated Side Panel - For efficient heat dissipation
- VESA Standard Mounting Bracket - For mounting on-wall, inside a cabinet or to the VESA standard screw holes on the rear panel of a display
- Media Manager Software - For easy, powerful and versatile management of digital signage content via a PC
- Media-Manager Multi-language Support - Ready-made templates for screen layouts, logos, tickers and widgets
- Compact DigiTOOLS® - Built-in mounting bracket



## TECHNICAL SPECIFICATIONS

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**I/O CONNECTORS:** 1 HDMI, 2 USB 2.0, 1 Ethernet on a RJ-45 connector, 1 unbalanced stereo audio on a 3.5mm mini jack, micro SD card slot

**VIDEO FORMAT SUPPORT:** POPAI Screen Media Standards  
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 (MPEG-4 AVC, 480p, 6Mbps CBR)  
S12 (MPEG-4 AVC, 720p, 10Mbps CBR)  
E4 (VC-1/WMV9, MP@ML, 720p)  
E7 (MPEG-4 ASP, 480p, 10Mbps CBR)  
E8 (MPEG-4 AVC, 1080p, 10Mbps CBR)

**IMAGE FORMAT SUPPORT:** POPAI Screen Media Standards  
S1 (JPEG 480p baseline)  
S2 (JPEG 720p baseline)  
S3 (JPEG 1080p baseline)  
E1 (PNG 24bpp+alpha, 480p)  
E2 (PNG 24bpp+alpha, 720p)  
E3 (PNG 24bpp+alpha, 1080p)

**AUDIO CODEC SUPPORT:** POPAI Screen Media Standards  
S4 (MPEG L2 audio)  
S5 (MP3 audio, 320Kbps)

**DYNAMIC CONTENT:** W3C HTML5 (HTML, CSS, JavaScript)  
W3C SMIL 3.0 instructions (sub-set)

**INDICATORS:** Power(green), Status(orange)

**LOCAL STORAGE:** 8 GB on-board flash memory (up to 6hrs of typical 720p video @3Mbps)  
Micro SD card expansion slot

**POWER REQUIREMENT:** 12V 1.1A DC

**POWER CONSUMPTION:** 8.65W

**OPERATING TEMPERATURE:** 0° to 45°C (32° to 113°F)

**STORAGE TEMPERATURE:** -40° to +70°C (-40° to 158°F)

**HUMIDITY:** 10 – 85% @40°C, 32° to 104°F non-condensing

**SAFETY:** UL/FCC/CE/CCC/C-Tick/VCCI certified power supplies

**CERTIFICATIONS:** CE/FCC/VCCI/TELEC/CCC/IC

**INCLUDED ACCESSORIES:** AC adapter, HDMI cable, 4 Velcro (2 sets)

**WARRANTY:** One-year limited parts & labor

**Product Dimensions** 13.90cm x 12.90cm x 3.10cm (5.47" x 5.08" x 1.22" ) W, D, H

**Product Weight** 0.5kg (1.1lbs) approx

**Shipping Dimensions** 35.10cm x 21.20cm x 7.20cm (13.82" x 8.35" x 2.83" ) W, D, H

**Shipping Weight** 1.0kg (2.3lbs) approx

