

XMP-320

Full-HD Open Standard Digital Signage Appliance



The IAdea XMP-320 Open Standard Digital Signage Appliance is a SMIL programmable digital signage device with top quality high definition video playback.

Fan-less Full-HD 1080p video performance

The XMP-320 meets the industry's highest standards for hardware video decoding performance. Advanced HDMI connectivity delivers Full HD 1080p video and audio output digitally over a single cable. Support for *S1* to *S12* media profiles, as defined by POPAI, the industry's standards establishing organization, simplifies device selection and content creation.

Plug-and-play professional signage

The XMP-320 is engineered for trouble-free, plug-and-play professional digital signage. A watchdog timer lets the player recover and resume playback from power, network, or other disruptions. The all metal enclosure provides reliable passive cooling and features screw-lock connectors to prevent loose cables. Covered CF card slot lets you expand beyond the 4GBs of built-in solid-state local storage while protecting contents. Enjoy all the benefits of an industrial PC (IPC) without the cost and uncertainty of complex, multi-purpose systems.

Works with your management solution

IAdea's SMIL open standard players offer a new class of dedicated hardware that works with your existing management solution. IAdea works with leading signage companies to provide a repertoire of connected signage hardware, from all-in-one compact digital signboards and SaaS companion HD appliances to Blu-ray-quality HD video players. 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

- ◆ **Fanless Full-HD 1080p decoding**
- ◆ **Plug-and-play professional signage**
- ◆ **Works with your management solution**

Suitable for

- ◆ **Airports & train stations**
- ◆ **Hospitality and conference venues**
- ◆ **Electronic menu boards**
- ◆ **Chain store merchandising**

Technical Specification

POPAI Screen Media Standards Support

- 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

- Auto-play starts playing scheduled contents automatically when power is re-established
- Automatic error recovery with built-in WDT
- Real-time clock with backup clock battery
- Automatic NTP keeps time and date in sync
- Screw-lock connectors for reliable installation

Playback Control

- W3C SMIL 3.0 instructions (sub-set)
- Real-time clock playlist events
- Network playlist sync
- USB direct sync

Content Management

- 3rd party solution (optional license)

Port Connections

- HDMI 1.3a (Full-HD 1080p with audio)
- D-SUB VGA connector
- 3.5mm combined analog A/V out
- Ethernet 10/100 BASE-T
- USB 2.0 High Speed host x 2

Mounting Options

- Integral VESA MIS-D 100 compatible flange

Local Storage

- 4 GB flash memory (approx.. 90 minutes of typical high def. video @5 Mbps)
- CF card slot (card replaces internal storage)

Supplied accessories

- 3.5mm to RCA x3 A/V cable
- Ethernet cable

Optional Accessories

- 8GB/16GB CF memory card

Power

- AC adapter: 12V DC 1.5A max.
- Power consumption: Typical 10W

Environmental

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

MTBF (excl. power adapter)

- (Tbd)

Dimensions (WxDxH)

- 6.1" X 4.5" X 1.1" (156mm X 115mm X 29 mm)

Weight

- 0.76 lbs. (0.347kg)

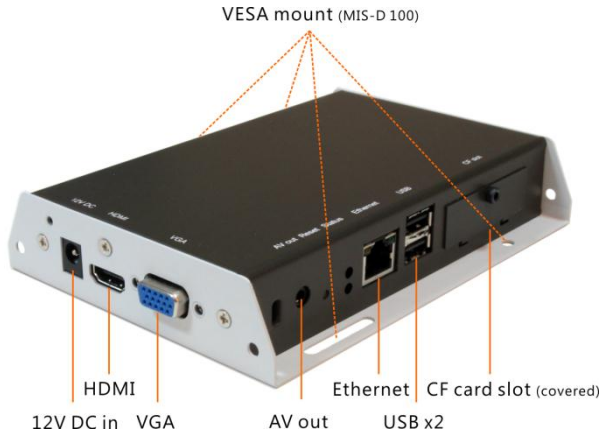
Certifications

- CE/FCC/RoHS

Warranty

- 1-year limited parts & labor

Product Photos



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