



# SpinetiX HMP100

Product Brief



The World's First  
Hyper Media Player

## Overview

The HMP100™ is the unique alternative to proprietary, PC based solutions for digital signage. With the HMP100, SpinetiX® offers a new and simplified way to schedule, combine, update, stream and display content, whether it be audio, video, vector graphics, pictures, or text. The HMP100 allows for simple and cost effective implementations for applications as wide-ranging as advertising, transportation, hospitality, finance, and live events.

### Small & Robust

The HMP100 stands out with its amazingly compact size. You can hide it nearly anywhere. The HMP100 is exceptionally robust and especially well suited for harsh environments thanks to the fanless design and the absence of any moving hardware parts.

### Time Synchronized

All HMP100 devices on the network are time synchronized and work together seamlessly. Video walls of any size can be created and managed with ease.

### Open

The digital signage solution of SpinetiX is based on open protocols and formats. As a result, with standard web based skills and freely available technologies, integration is straightforward and cost-effective.

### Green

The power consumption of a HMP100 in action is only 2W. That's 50x less than a typical digital signage PC, which uses around 100W!

### Serverless & Standalone

The HMP100's do not require a proprietary server. So with SpinetiX, you will never have to pay expensive recurring license fees.

## Standard Benefits

- Horizontal and vertical digital displays
- Video walls
- Interactive displays
- Hyper-Media-enabled: on-the-fly content generation
- Open platform for integration
- Configurable pull mode (to avoid network security constraints)
- Comprehensive scheduling options
- HDMI and VGA connectors
- Internal storage
- Various extension possibilities (USB for flash drives, hard disks, external devices)
- RS232 interface for monitor control and status retrieval
- Ethernet network connectivity
- Digital & analog audio
- Very low power consumption
- Suitable for tough environments
- Cost effective, without expensive recurring license fees

**Digital Display Compatibility**

Aspect ratio	16:9, 16:10, 4:3 (horizontal & vertical)
Maximum resolution	1280x720 (16:9), 1024x640 (16:10), 1024x768 (4:3)
Video output	720p (HD-Ready), 576p, 480p, VGA; 50 or 60 fps
Video connectors	HDMI (incl. digital audio), DVI via adapter. VGA (DB15 HD connector). Simultaneous use of HDMI and VGA possible

**Media Format**

Description language	SVG Tiny 1.2+ (Scalable Vector Graphics)
Media synchronization	SMIL 2.1 (Synchronized Multimedia Integration Language)
Still image formats	JPEG, PNG, GIF, SVG
Supported video codecs	Up to SD resolution: MPEG-4 ASP, MPEG-2, MPEG-1, H.264, MJPEG, Microsoft VC-1 (Windows Media Video 9)
Supported audio codecs	MPEG audio layer 1/2/3 (MP3), ITU G.711, G.722, G.729, PCM, Microsoft WMA, Real Audio
Media container formats	AVI, WMV/WMA, VOB, AIFF, OGG, WAV
Streaming media protocol	MMS, RTSP, RTP, SDP, HTTP; Uni- & multicast
Import filters provided for	Flash 9, Microsoft PowerPoint presentations, BMP, TIFF, XPM, WBMP, PNM bitmaps
Scripting language	PHP5, JavaScript
Content scheduling	iCalendar (RFC2445)

**Graphic Effects Engine**

Graphic effects language	SVG Tiny 1.2+
Vector graphics primitives	Rectangles, polygons, paths with lines, elliptical arcs and Bezier curves, text areas, linear and radial gradients
International text support	Unicode standard compliant with bidirectional text support
Font file formats	TrueType and OpenType
Animation capabilities	Color, gradients, transparency level, audio volume, motion along a path, translation, scaling, rotation, clipping
Animation modes	Discrete, linear, paced and spline interpolation

**Specialized Applications**

Interactivity events	Touch screen, keyboard and mouse via USB 2.0 port, user defined serial port
Time synchronized	Millisecond accuracy, for unconstrained video wall configurations

**Storage**

Internal storage	2GB solid state
External storage	Flash drives and hard disks via USB 2.0 port

**Physical Specification**

Size	105(W) x 26(H) x 83(D) mm 4.13'(W) x 1.02'(H) x 3.27'(D)
Weight	190g / 6.7 oz
Power supply	5V DC, typ. 0.4A (2W)
Power supply input	100-240V 50-60 Hz, max input current 0.6A
Operating temperature	0°C to 40°C / 32°F to 104°F; 10% to 90% RH
Storage temperature	-25°C to 45°C / -13°F to 113°F; 10% to 90% RH
Real time clock	Min. accuracy 1 minute/month free running, battery backed
Serial	RS232, up to 115200 bauds, mini-jack 3.5mm
Analog audio output	Line level, stereo, mini-jack 3.5mm

**Warranty**

Coverage	Life-time (For "General Terms and Conditions", visit our web site)
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**Front & Rear View**

