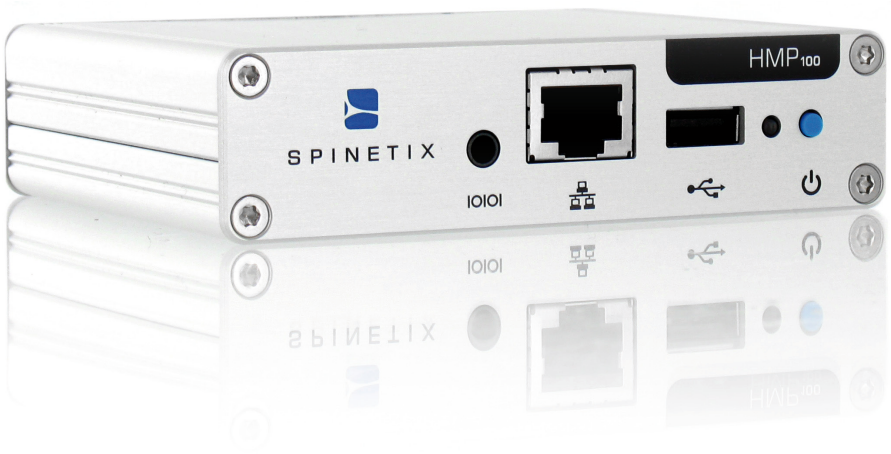
SPINETIX

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
- Pull mode for seamless operation across NAT routers and firewalls (including log harvesting)
- Comprehensive scheduling options
- HDMI and VGA connectors
- Internal storage
- Various USB extension possibilities: touch screens, keyboards, I/O devices, 3G modems, flash drives, hard disks
- RS232 interface for multi-purpose I/O: monitor control, GPS, RFID, etc.
- Ethernet network connectivity
- Digital & analog audio
- Very low power consumption
- Suitable for tough environments
- Cost effective, without expensive recurring license fees

Specifications

Digital Display Compatibility

Aspect ratio	16:9, 16:10, 4:3 (horizontal & vertical)
Video output	50/60 Hz: 720p (1280x720), XGA (1024x768), WSVGA (1024x640), WVGA (768x480), 576p (720x576), 480p (720x480), SVGA (800x600), VGA (640x480), EDID 24/25 Hz: 1080p (1920x1080; only for semistatic content)
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, MOV (Quicktime)
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, ECMAScript
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

Kiosk applications	Touch screen, keyboard/joysticks/gamepads/mouse, HID I/O devices via USB 2.0 or user defined serial port, with touch screen calibration
Event management	Real-time event communication for triggering content changes on-demand
Time synchronized	Millisecond accuracy, for unconstrained video wall configurations
Streaming	Video and audio streaming compatibility, including live TV streamers

Network

Connectivity	Ethernet 10/100 Mbit/s (RJ-45), IEEE 802.3u, 802.3x 3G connectivity through USB modem stick;
Protocols	DHCP or fixed address; IPv4; IPv6;
Remote configuration	HTTP(S) configuration server, password protected
Content administration	WebDAV server, password protected
Other protocols	SNMPv1/v2c, NTP, Zeroconf
Content updates	Pull mode, push mode, server based

Storage

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

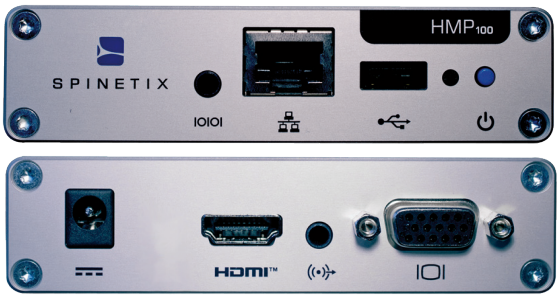
Physical Specification

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	0-40ºC / 32-104ºF; 10-90% RH
Storage temperature	-25ºC to 45ºC / -13ºF to 113ºF; 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)

Front & Rear View



Get a quote & order online

www.spinetix.com/store
info@spinetix.com

SPINETIX

Rue des Terreaux 17
CH-1003 Lausanne, Switzerland

T +41 21 341 15 50
F +41 21 311 19 56