

SpinetiX HMP130



The World's Smallest
Hyper Media Player

Designed
for Fusion



Overview

The HMP130™ is the unique alternative to proprietary, PC based solutions for digital signage and allows for simple and cost effective implementations for applications as wide-ranging as advertising, transportation, hospitality, finance, and live events. Designed for SpinetiX® Fusion Software, the HMP130 offers a new and simplified way to upload content, create playlists, populate template layouts, schedule programs and manage devices from any web browser.

Small & Robust

The HMP130 stands out with its amazingly compact size. You can hide it nearly anywhere. The HMP130 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 HMP130 devices on the network are time synchronized and work together seamlessly. Video walls of any size can be created and managed with ease.

Open

SpinetiX's digital signage solutions are 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 HMP130 in action is only 3W. That's 33x less than a typical digital signage PC, which uses around 100W! As power costs increase around the world, HMP offers significant savings for the environment and your wallet over time.

Serverless & Standalone

The HMP130's do not require a proprietary server or network technology. SpinetiX, allows you to use existing infrastructure and avoiding expensive recurring license fees.

Standard Benefits

- Fusion Software interface included for On-the-fly content generation
- Horizontal and vertical content displays
- Video walls & interactive displays
- Open platform for integration
- Pull mode for seamless operation across NAT routers and firewalls
- Digital and analog output of video & audio
- Built-in internal storage & unlimited storage expandability via USB or network
- RS232 interface for multi-purpose I/O: monitor control, GPS, RFID, etc.
- Very low power consumption
- Suitable for hostile & tough environments
- No recurring software license fees

Specifications

Digital Display Compatibility

| | |
|------------------|--|
| Aspect ratio | 16:9, 16:10, 4:3, custom (horizontal & vertical) |
| Video output | 50/60 Hz: 720p (1280x720), XGA (1024x768), WSVGA (1024x640), WVGA (768x480), 576p (720x576), 480p (720x480), SVGA (800x600), VGA (640x480) 24/25 Hz: 1080p (1920x1080; only for semistatic content) User defined video modes (75 MHz max.) |
| Video connectors | HDMI (incl. digital audio), DVI via adapter. VGA (DB15 HD connector). Simultaneous use of HDMI and VGA possible |

Media Format

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|-----------------------------|--|
| Description language | SVG Tiny 1.2+ (Scalable Vector Graphics) |
| Media synchronization | SMIL 3.0 (Synchronized Multimedia Integration Language) |
| Still image formats | JPEG, PNG, GIF, SVG |
| Supported video codecs | Up to 720p resolution: MPEG-4 ASP, MPEG-2 Up to SD resolution: 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.726, PCM, Microsoft WMA, AAC |
| Media container formats | AVI, WMV/WMA, VOB, AIFF, WAV, MP4, MOV (Quicktime) |
| Streaming media protocol | MMS, RTSP, RTP, SDP, HTTP; Uni- & multicast |
| Import filters provided for | Flash 10, Microsoft PowerPoint, BMP, TIFF, XPM, WBMP, PNM bitmaps |
| Scripting language | JavaScript / ECMAScript, PHP 5.2 |
| Content scheduling | iCalendar (RFC2445) |

Graphic Effects Engine

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|----------------------------|--|
| 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

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|--------------------|---|
| 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

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|------------------------|---|
| 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; Zero-Config |
| Remote configuration | HTTP configuration server and RPC (push and pull modes), password protected |
| Content administration | WebDAV server, password protected |
| Other protocols | SNMPv1/v2c, IGMPv2/v3, NTP, Zeroconf, Bonjour |
| Content updates | Pull mode, push mode, server based |

Storage

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|------------------|--|
| Internal storage | 4GB solid state |
| External storage | Flash drives and hard disks via USB 2.0 port |

Physical Specification

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|-----------------------|---|
| Size | 4.13(W) x 1.02(H) x 3.27(D) inches 105(W) x 26(H) x 83(D) mm |
| Weight | 6.7oz / 190g |
| External power supply | Input: 100-240V 50-60Hz Output: 5V DC 3.0A max. |
| Power consumption | 3W typ. |
| Operating temperature | 32-104°F / 0-40°C (10-90% RH) |
| Storage temperature | -13-113°F / -25-45°C (10-90% RH) |
| Real time clock | Min. accuracy 1 minute/month free running battery backup |
| Serial | RS232, up to 115200 bauds, mini-jack 3.5mm |
| Analog audio output | Line level, stereo, mini-jack 3.5mm |

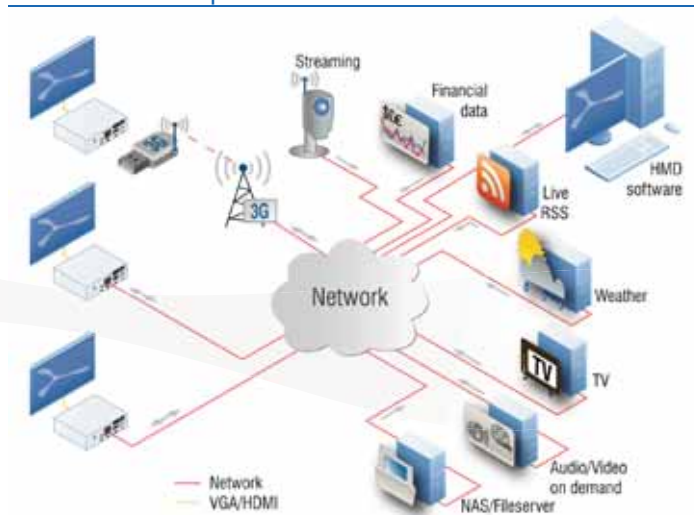
Warranty

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



Architecture Example



Contact

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