# SpinetiX HMP200

## Ultimate perfection in full HD resolution

## Overview

The HMP200™ Hyper Media Player is a Full HD, high-end digital signage device. Zero config technology and compact size allow for quick installation. Set-and-leave: Non-PC based, no moving parts and no maintenance.

The HMP200 from SpinetiX offers the simplest way to manage your information displays. With SpinetiX's unique Fusion Software running inside the HMP device, you can manage information, video, audio and dynamic content (RSS, widgets) on any screen using a web browser.

### Small & Robust
The HMP200 is amazingly compact so you can easily put it behind a screen. In addition the HMP200 is robust and reliable. It even comes with a lifetime warranty.

### Green & great ROI
The power consumption of a HMP200 in full action is only 7W. It's not only better for the environment, it's better for your bottom-line. When compared to a typical PC, the energy cost savings mean the HMP200 pays for itself.

### Amazing features
SpinetiX HMP devices can be used to make video walls, of any size or shape. The same is true for interactive kiosks and touch screens. Everything is included. You won't believe how simple it is to create and manage your screens.

### Open
SpinetiX digital signage solutions are based on open formats and protocols. Integration is straightforward and very powerful. Users don't pay expensive recurring license fees for our software.

## Standard Benefits

· 1080p Full HD (25 to 60 Hz)

· No moving parts to wear out, durable aluminium chassis

· No PC, no maintenance, no downtime: secure from virus and Windows issues

· Small form factor and low power consumption

· Built in watchdog with automatic failsafe

· Dynamic content: RSS feeds, widgets (weather, clocks, effects), animations, instant messaging, queue management

· Life time warranty

· Open platform, interactive kiosks, video walls

· Freeform content capability (user positional layout) incl. multiple HD videos and data links

· Fusion Software included

# Specifications

## Digital Display Compatibility

| | |
|---|---|
| Aspect ratio | 16:9, 16:10, 4:3, custom (horizontal & vertical) |
| Video output | 50/60 Hz: 1080p (1920x1080), 720p (1280x720), XGA (1024x768), WSVGA (1024x640), WVGA (768x480), 576p (720x576), 480p (720x480), SVGA (800x600), VGA (640x480) |
| | User defined video modes (150 MHz max.) |
| 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 3.0 (Synchronized Multimedia Integration Language) |
| Still image formats | JPEG, PNG, GIF, SVG |
| Supported video codecs | MPEG-2, H.264 / MPEG-4 AVC (resolution up to 1080p; dual stream capable) MPEG-4 ASP, MJPEG (resolution up to 720p) Windows Media 9 (resolution up to D1/SD) |
| 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 |
| HMD import filters | Flash 10, Microsoft PowerPoint, BMP, TIFF, XPM, WBMP, PNM bitmaps |
| Scripting language | JavaScript / ECMAScript, PHP 5.2 |
| 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; 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

| | |
|---|---|
| Internal storage | 8GB solid state |
| External storage | Flash drives and hard disks via USB 2.0 port |

## Physical Specification

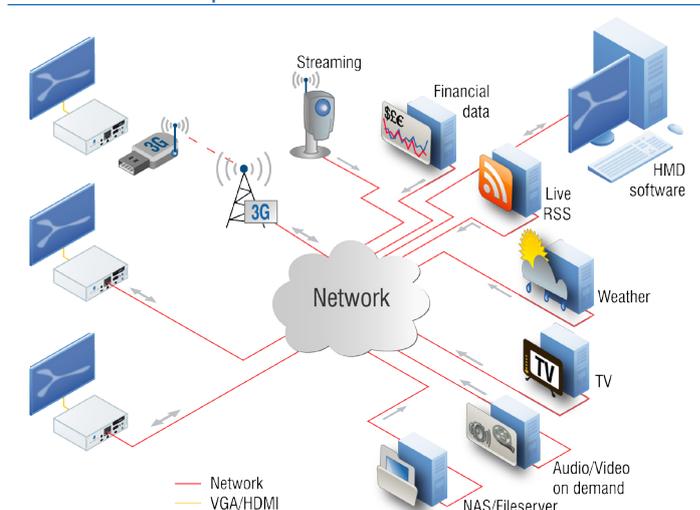| | |
|---|---|
| Size | 5.3(W) x 0.9(H) x 3.38(D) inches 135(W) x 23(H) x 86(D) mm |
| Weight | 13.4oz / 380g |
| External power supply | Input: 100-240V 50-60Hz Output: 5V DC 3.0A max. |
| Power consumption | 7W typ. |
| Operating temperature | 32-104ºF / 0-40ºC (10-90% RH) |
| Storage temperature | -13-113ºF / -25-45ºC (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) |

## Front & Rear View



Analog audio — HDMI (digital audio/video) — VGA (analog video)

Ethernet RJ45 — RS232 interface — USB 2.0 — DC power input

## Architecture Example



Network
VGA/HDMI

## Contact

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