



SPINETIX

HMP300 & HMP350

Added Value Digital Signage.

Full Customization.

New HMPs are faster, fully programmable and easy to integrate. Elementi 2015 is even simpler and more powerful. And they work seamlessly together.



Tech Specs



Connectors & Ports

Video	HDMI
Audio	Line level, stereo
Serial port	RS232, 115200 Bd max., mini-jack 3.5mm (power on/off)
USB port	2x USB 2.0
Network	Ethernet 1GbE, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3az
Power Supply	Input: 100-240V, 50-60Hz, Output: 5V DC 3.6A max.

Video	HDMI
Audio	Line level, stereo
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USB port	2x USB 2.0
Network	2x Ethernet 1GbE, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3az
Power Supply	Input: 100-240V, 50-60Hz, Output: 5V DC 3.6A max.

Size & Weight

Size	Width: 5.9 / 150mm", Height: 0.9 / 23mm", Depth: 3.4 / 86.5mm"
Weight	12.3oz / 350g

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Player Engine

Layer composition	Multi-layer, Elementi layout, apps
Animation	Built-in playouts, apps, Elementi playlists, transitions, effects
Text	Unicode support (international text), Bidirectional (right-to-left, left-to-right)
Fonts	TrueType, OpenType user fonts, built-in fonts (Western, Cyrillic, Arabic, Greek, Hebrew, Chinese, Japanese, Korean, Thai, Hindi, etc.)
Interactivity	USB input devices (touch screen, keyboard, mouse, presenter, barcode scanner, etc.)

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Interactivity	USB HID I/O, network triggers, serial port (JavaScript serial API), USB input devices (touch screen, keyboard, mouse, presenter, barcode scanner, etc.)

Video Wall	
Description languages	SVG Tiny 1.2+, Canvas, SMIL Animations, iCalendar (RFC2445)
Scripting language	JavaScript (ECMAScript 5), jSignage™ (jQuery, Layers, Graph, QRCode, etc.), WebStorage, XMLHttpRequest, Node.js
External data access	AJAX, REST, HTTP, raw TCP/UDP

Video Wall	Accuracy ± 1 frame, unlimited screens
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Formats

Images	JPEG, PNG, GIF, SVG
Media file formats	MPG, MP4, M4V, M4A, MOV, MKV, MKA, WMV, WMA, AVI, VOB, TS, MP3, AAC, WAV
Video codecs	Multi-video decoding capable, 1080p max, H.264/MPEG-4 AVC: HP@L4, H.264/MPEG-4 AVC: HP@L4, MPEG-2: MP@HL, MPEG-4: ASP, WM9/VC-1: AP@L3
Audio codecs	AAC-LC, HE-AAC, MPEG Layer I, II, III (MP3), WMAv2, AC3
Streaming protocols	
Data feeds	Built-in RSS app, Elementi feeds RSS, ICS, CSV, TXT, custom feeds (XML, JSON, JavaScript)

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Media file formats	MPG, MP4, M4V, M4A, MOV, MKV, MKA, WMV, WMA, AVI, VOB, TS, MP3, AAC, WAV
Video codecs	MJPEG, Multi-video decoding capable, 1080p max, H.264/MPEG-4 AVC: HP@L4, H.264/MPEG-4 AVC: HP@L4, MPEG-2: MP@HL, MPEG-4: ASP, WM9/VC-1: AP@L3
Audio codecs	AAC-LC, HE-AAC, MPEG Layer I, II, III (MP3), WMAv2, AC3
Streaming protocols	RTSP, RTP, UDP (multicast capable)
Data feeds	Built-in RSS app, Elementi feeds RSS, ICS, CSV, TXT, custom feeds (XML, JSON, JavaScript)

Display

Aspect ratio	16:9, 16:10, 4:3 (horizontal, vertical)
Resolution	1080p (1920x1080), 720p (1280x720), XGA (1024x768), VGA (640x480) at 50/60 Hz, etc.
Power on/off	Serial port (simple protocol), DVI, HDMI-CEC

Aspect ratio	Custom, 16:9, 16:10, 4:3 (horizontal, vertical)
Resolution	Custom, 1080p (1920x1080), 720p (1280x720), XGA (1024x768), VGA (640x480) at 50/60 Hz, etc.
Power on/off	Serial port (advanced protocols), DVI, HDMI-CEC

Network

Protocols	DHCP, static IP, Zeroconf, IPv4, IPv6, NTP, Bonjour, SNMPv1/v2c, HTTP, WebDAV
Remote configuration	Built-in HTTP server, RPC
Content transfer	Web browser upload, live web server, scheduled download, direct upload, USB stick

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Storage

Internal	8GB solid state
External	Flash drive, hard disk (via USB 2.0)

Internal	16GB solid state
External	Flash drive, hard disk (via USB 2.0)

Characteristics

Processor	DaVinci DM8148 (ARM Cortex-A8 Core 1GHz)
Memory	RAM: 1 GB, DDR3-1066, Bandwidth: 4.3GB/s
Power consumption	8W
Operating conditions	Ambient temperature 32 - 104°F / 0 - 40°C Relative humidity 10-90% noncondensing Altitude 10,000ft / 3,000m max.
Storage temperature	-4- 122°F / -20 - 50°C
Real-time clock (RTC)	Accuracy ±1 min./month, backup by supercap (40 days)

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Tools

Built-in web-based content creation and scheduling tools

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Warranty

3 Year Limited Hardware Warranty

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