



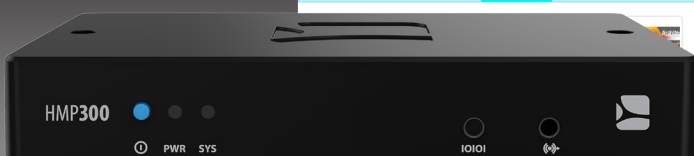
SPINETIX

# 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

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

## Size & Weight

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

## Player Engine

<b>Layer composition</b>	Multi-layer, Elementi layout, apps	Multi-layer, Elementi layout, apps
<b>Animation</b>	Built-in playouts, apps, Elementi playlists, transitions, effects	Built-in playouts, apps, Elementi playlists, transitions, effects
<b>Text</b>	Unicode support (international text), Bidirectional (right-to-left, left-to-right)	Unicode support (international text), Bidirectional (right-to-left, left-to-right)
<b>Fonts</b>	TrueType, OpenType user fonts, built-in fonts (Western, Cyrillic, Arabic, Greek, Hebrew, Chinese, Japanese, Korean, Thai, Hindi, etc.)	TrueType, OpenType user fonts, built-in fonts (Western, Cyrillic, Arabic, Greek, Hebrew, Chinese, Japanese, Korean, Thai, Hindi, etc.)
<b>Interactivity</b>	USB input devices (touch screen, keyboard, mouse, presenter, barcode scanner, etc.)	USB HID I/O, network triggers, serial port (JavaScript serial API), USB input devices (touch screen, keyboard, mouse, presenter, barcode scanner, etc.)
<b>Video Wall</b>		Accuracy ± 1 frame, unlimited screens
<b>Description languages</b>	SVG Tiny 1.2+, Canvas, SMIL Animations, iCalendar (RFC2445)	SVG Tiny 1.2+, Canvas, SMIL Animations, iCalendar (RFC2445)
<b>Scripting language</b>	JavaScript (ECMAScript 5), jSignage™ (jQuery, Layers, Graph, QRCode, etc.), WebStorage, XMLHttpRequest, Node.js	JavaScript (ECMAScript 5), jSignage™ (jQuery, Layers, Graph, QRCode, etc.), WebStorage, XMLHttpRequest, Node.js
<b>External data access</b>	AJAX, REST, HTTP, raw TCP/UDP	AJAX, REST, HTTP, raw TCP/UDP

## Formats

<b>Images</b>	JPEG, PNG, GIF, SVG	JPEG, PNG, GIF, SVG
<b>Media file formats</b>	MPG, MP4, M4V, M4A, MOV, MKV, MKA, WMV, WMA, AVI, VOB, TS, MP3, AAC, WAV	MPG, MP4, M4V, M4A, MOV, MKV, MKA, WMV, WMA, AVI, VOB, TS, MP3, AAC, WAV
<b>Video codecs</b>	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	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
<b>Audio codecs</b>	AAC-LC, HE-AAC, MPEG Layer I, II, III (MP3), WMAv2, AC3	AAC-LC, HE-AAC, MPEG Layer I, II, III (MP3), WMAv2, AC3
<b>Streaming protocols</b>		RTSP, RTP, UDP (multicast capable), MPEG Transport Stream
<b>Data feeds</b>	Built-in RSS app, Elementi feeds RSS, ICS, CSV, TXT, custom feeds (XML, JSON, JavaScript)	Built-in RSS app, Elementi feeds RSS, ICS, CSV, TXT, custom feeds (XML, JSON, JavaScript)

## Display

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

## Network

<b>Protocols</b>	DHCP, static IP, Zeroconf, IPv4, IPv6, NTP, Bonjour, SNMPv1/v2c, HTTP, WebDAV	DHCP, static IP, Zeroconf, IPv4, IPv6, NTP, Bonjour, SNMPv1/v2c, HTTP, WebDAV
<b>Remote configuration</b>	Built-in HTTP server, RPC	Built-in HTTP server, RPC
<b>Content transfer</b>	Web browser upload (file size 2GB max.; supported formats: JPG, PNG, MPG, MP4, MOV, WMV), live web server, scheduled download, direct upload, USB stick	Web browser upload (file size 2GB max.; supported formats: JPG, PNG, MPG, MP4, MOV, WMV), live web server, scheduled download, direct upload, USB stick

## Storage

<b>Internal</b>	8GB solid state	16GB solid state
<b>External</b>	Flash drive, hard disk (via USB 2.0)	Flash drive, hard disk (via USB 2.0)

## Characteristics

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

## Tools

	Built-in web-based content creation and scheduling tools	Built-in web-based content creation and scheduling tools
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## Warranty

	3 Year Limited Hardware Warranty	3 Year Limited Hardware Warranty
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