



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.

HDMI
Line level, stereo
RS232, 115200 Bd max., mini-jack 3.5mm (interactivity)
2x USB 2.0
2x Ethernet 1GbE, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3az
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.)

Multi-layer, Elementi layout, apps
Built-in playouts, apps, Elementi playlists, transitions, effects
Unicode support (international text), Bidirectional (right-to-left, left-to-right)
TrueType, OpenType user fonts, built-in fonts (Western, Cyrillic, Arabic, Greek, Hebrew, Chinese, Japanese, Korean, Thai, Hindi, etc.)
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

Accuracy ± 1 frame, unlimited screens
SVG Tiny 1.2+, Canvas, SMIL Animations, iCalendar (RFC2445)
JavaScript (ECMAScript 5), jSignage™ (jQuery, Layers, Graph, QRCode, etc.), WebStorage, XMLHttpRequest, Node.js
AJAX, REST, HTTP, raw TCP/UDP

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)

JPEG, PNG, GIF, SVG
MPG, MP4, M4V, M4A, MOV, MKV, MKA, WMV, WMA, AVI, VOB, TS, MP3, AAC, WAV
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
AAC-LC, HE-AAC, MPEG Layer I, II, III (MP3), WMAv2, AC3
RTSP, RTP, UDP (multicast capable)
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

Custom, 16:9, 16:10, 4:3 (horizontal, vertical)
Custom, 1080p (1920x1080), 720p (1280x720), XGA (1024x768), VGA (640x480) at 50/60 Hz, etc.
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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Built-in HTTP server, RPC
Web browser upload, live web server, scheduled download, direct upload, USB stick

Storage

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

16GB solid state
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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