



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

Audio

Serial port

USB port

Network

Power Supply

HDMI

Line level, stereo

RS232, 115200 Bd max., mini-jack 3.5mm (power on/off)

2x USB 2.0

Ethernet 1GbE, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3az

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

Weight

Width: 5.9" / 150mm, Height: 0.9" / 23mm, Depth: 3.4" / 86.5mm

12.3oz / 350g

Width: 5.9" / 150mm, Height: 0.9" / 23mm, Depth: 3.4" / 86.5mm

12.3oz / 350g

Player Engine

Layer composition

Animation

Text

Fonts

Interactivity

Video Wall

Description languages

Scripting language

External data access

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 input devices (touch screen, keyboard, mouse, presenter, barcode scanner, etc.)

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

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.)

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

Media file formats

Video codecs

Audio codecs

Streaming protocols

Data feeds

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

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), MPEG Transport Stream

Built-in RSS app, Elementi feeds RSS, ICS, CSV, TXT, custom feeds (XML, JSON, JavaScript)

Display

Aspect ratio

Resolution

Power on/off

16:9, 16:10, 4:3 (horizontal, vertical)

1080p (1920x1080), 720p (1280x720), XGA (1024x768), VGA (640x480) at 50/60 Hz, etc.

Serial port (simple protocol)

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)

Network

Protocols

Remote configuration

Content transfer

DHCP, static IP, Zeroconf, IPv4, IPv6, NTP, Bonjour, SNMPv1/v2c, HTTP, WebDAV

Built-in HTTP server, RPC

Web browser upload (file size 2GB max.; supported formats: JPG, PNG, MPG, MP4, MOV, WMV), live web server, scheduled download, direct upload, USB stick

DHCP, static IP, Zeroconf, IPv4, IPv6, NTP, Bonjour, SNMPv1/v2c, HTTP, WebDAV

Built-in HTTP server, RPC

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

Internal

External

8GB solid state

Flash drive, hard disk (via USB 2.0)

16GB solid state

Flash drive, hard disk (via USB 2.0)

Characteristics

Processor

Memory

Power consumption

Operating conditions

Storage temperature

Real-time clock (RTC)

DaVinci DM8148 (ARM Cortex-A8 1GHz)

RAM: 1 GB, DDR3-1066, Bandwidth: 4.3GB/s

8W

Ambient temperature 32 - 104°F / 0 - 40°C
Relative humidity 10-90% noncondensing
Altitude 10,000ft / 3,000m max.

-4 - 122°F / -20 - 50°C

Accuracy ± 1 min./month, backup by supercap (40 days)

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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

Warranty

3 Year Limited Hardware Warranty

3 Year Limited Hardware Warranty