

Gefen EXT-HD-DSWFPN Digital Signage Player with Wi-Fi Plus

HD Digital Signage with Wi-Fi Integration, Template based Content Management

The Digital Signage Player with Wi-Fi Plus is the industry's first media appliance to combine the power of HTML5 with the interoperability of SMIL. This Digital Signage Player is a LAN-based product, which supports 1080p Full HD, text tickers, 2-channel L/R audio and calendar scheduling with over ten preloaded templates to choose from, as well as supporting live video input and RS-232 command protocols.

The all-metal enclosure features a passive cooling system. The product comes with 4 GB of built-in flash memory and the securable compact flash card slot allows the addition of up to 16 GB of memory if needed (replacing the internal storage). Two integrated USB 2.0 ports provide connection to a keyboard and USB storage devices. Support for over 20 different media formats provides a wide selection for content creation. A watchdog timer lets the product recover and resume playback after power and network disruptions

The included software will allow users to upload video playback schedules and playlists for easy content management. Additionally, software developers can utilize W3C SMIL (Synchronized Multimedia Integration Language) syntax which ensures compatibility across multiple Digital Signage platforms. The included software features over ten different multi-zoned templates and 'live feed' widgets to fit your specific Digital Signage needs.

Widgets and Templates are what Signage Manager Express Does Best

The Signage Manager Express uses a simple template and widget based system for content creation. The software interface is easy to navigate and importing elements is as easy as dragging them into the playlist window from your desktop. Each template offers different pre-zoned sections that can contain different video and image content. Most templates can also include a "ticker" style text message. Widgets for date and time, weather, RSS feeds, and news are also provided. In addition to this, a webpage can also be displayed by providing the software with a URL. The Digital Signage Player with Wi-Fi Plus can also integrate a live composite video input and RS-232 protocol commands into your media project.

Uploading your newly created content to the Player is also an easy process. The Signage Manager Express software allows you to send the content directly to one or to multiple units that are on the same network. If your devices are not located on the same network, an alternate method of loading the content is provided. The software will also allow you to export your content to a USB drive which can then be plugged directly into one of the 2 USB ports on the device. The content will then be copied from the USB drive directly to the internal memory on the device.

Live Video and RS-232 Display Control

The plus model of Gefen's Digital Signage Wi-Fi players adds two powerful, additional features. The first feature is live video via a composite video input. This capability will address the need to have a live video stream with additional digital signage messaging. Applications for live video are extensive and are used in verticals such as bars/restaurants and waiting rooms. Using the live video input is extremely easy. Using the supplied composite video and audio cable, connect your source to the device. The video input can then be selected in any of the video zones of the Signage Manager Express software.

The second feature is RS-232 control. Using the supplied RJ-11 to DB-9 serial cable, the user can connect the Digital Signage Player with Wi-Fi Plus to their display. Once connected, you can use the Signage Manager Express Software to control any of the display's functions including on/ off and source selection. This allows a setup of specific on and off periods for your display to be active thus saving electricity and useful display life when no audience is present. You can either use the included display protocols, or you can download additional ones from the website for your particular device manufacturer.

Expand the capabilities of your Digital Signage Player with Wi-Fi and Wi-Fi Plus

The Gefen General Purpose Input/Output (GPIO) module works with the Digital Signage Player with Wi-Fi (or Wi-Fi Plus), allowing the professional integrator to add optical sensors, relays, lighting controls, buttons, and other devices to existing digital signage presentations. Use the GPIO module with a motion sensor to automatically play digital signage content when someone approaches a screen or trigger a relay to change the lighting at a kiosk or other destination—the possibilities are limited only by your creativity. External events are sent via USB, into the Digital Signage Player, and integrated into the SMIL script to trigger playlists. The GPIO module uses minimal power draw by using simple open-close circuits on the input and output ports.

How it Works

The Digital Signage Player with Wi-Fi connects to a display using analog (Composite / Component / VGA) or an HDMI cable. There are two options for connecting to the network: Connect an Ethernet cable to the network or connect using Wi-Fi. Then, connect a keyboard and peripherals to the USB ports to configure the unit. Use the included Composite A/V cables to connect the product to the 3.5 mm connector. Use the included composite input cable and 232 dongle then connect the 12V DC power supply to the unit and connect the AC power cord to an available electrical outlet.

Features

- Supports HD resolutions up to 1080p Full HD
- Supports MPEG-1, MPEG-2, MPEG L2, MP3, H.264/MPEG-4 and VC-1 codec formats
- 4 GB of built-in memory (expandable)
- Dynamic content support for SMIL 3.0 (sub-set)
- CMS device management in LAN or WAN environments is possible using 3rd party solutions

which are compliant with the SMIL protocol

- NTP client for time synchronization
- Real-time clock with battery backup
- Automatic error recovery with built-in WDT
- Auto-play starts playing scheduled contents automatically
- Compact and wall-mountable solid metal enclosure for excellent heat dissipation and durability
- Access to dynamic content via HTML5 widgets (RSS feeds, news, Twitter, websites, calendars, weather and live clocks)
- 13 base templates and 7 widget templates

Specifications

- Maximum Pixel Clock: 225 MHz
- HDMI Output Connector: (1) Type A 19-pin, female
- Composite Video / Audio Connector: (1) 3.5 mm jack
- VGA Output Connector: (1) HD-15, female
- USB Connectors: (2) USB 2.0, Type A
- Ethernet Connector: (1) RJ-45
- WLAN antenna
- Wi-Fi: 802.11 b/g/n
- Wi-Fi Security: WPA / WPA2, TKIP / AES
- Compact Flash Slot: 16 GB (max.)
- Operating Temperature: 0 - 40 °C
- Power Supply: 12V DC
- Power Consumption: 10W (max.)
- Dimensions (W x H x D): 6.0" x 3.6" x 1.1", (152mm x 91mm x 28mm)
- Shipping Weight: 3 lbs. (1.4 kg)