

# Digital Signage Playback with Wi-Fi and Composite Video Input



EXT-HD-DSWFPN

## Add live video input to all your Digital Signage presentations

The Digital Signage Player with Wi-Fi Plus is a simple-to-operate media player which includes software, live video input, and RS-232 functionality. Live video can be directly injected into your Digital Signage application using the composite video input included on the device. With this feature, users can overlay content and place the video into specific zones for more sophisticated Digital Signage systems.

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. Connect composite video sources such as cameras and media players. 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 to fit your specific Digital Signage needs.

## How It Works

The Digital Signage Player with Wi-Fi Plus connects to a display using analog (Composite / Component / VGA) or an HDMI cable. There are two options for connecting to the network: 1) Connect an Ethernet cable to the network, or 2) 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. 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)
- Live video input using the included Composite cables
- SMIL 3.0 instructions (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: (2) 3.5 mm
- VGA Output Connector: (1) HD-15, female
- USB Connectors: (2) USB 2.0, type A
- RS-232 Connector: (1) RJ-11
- Ethernet Connector: RJ-45
- WLAN antenna
- Wi-Fi: 802.11 b/g/n
- Wi-Fi Security: WPA / WPA2, TKIP / AES
- Compact Flash Slot: 16 GB (max. capacity)
- Operating Temperature: +32 to +104 °F (0 to +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)



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\*Features and specifications are subject to change without notice.