



SMP-WEB4 Digital Signage Media Player

SYSTEM FEATURES

Multimedia Presentation

- Web-based presentation; support most popular web languages.
- Support to playback Flash® animation, HTML web page, image, text, and stored/live video
- Play real-time video by directly connecting to a TV tuner, DVD player, USB Camera (UVC compatible), etc.
- Support various resolutions for standard (4:3) and wide screens (16:9) in both portrait and landscape displays.



Easy & Flexible Content Creation in 2 Ways

- **CAYIN Skin Editor:** Support to playback zone-type multimedia contents produced by CAYIN Skin Editor, with which users can create a program including skin, video, image slide show, Flash, ticker, and clock
- **Any web page/Flash editing tools:** Able to playback full-page html and Flash created by your own familiar web-editing tools and provide designers with the greatest flexibility.



Flexible Platform for Integration

- Easily extend to an interactive platform incorporated with HID compliance touch screen, keyboard, or mouse device. Please check CAYIN's website for [verified touch panels](#).
- Possess great flexibility to integrate with existing network facilities, web servers (RSS, weather, etc.), and database.
- Turn on/off screens, switch playlists, or control other devices by RS-232.

Local and Central Scheduling

- Edit schedule directly on individual SMP player or centrally control multiple players in groups by CMS server.
- Edit playlist and playback multimedia contents based on a pre-set schedule.
- Turn on/off display and adjust volume manually or by a pre-set schedule.
- Support screensaver function to switch playlists or schedules by a single touch

Powerful Remote Management



- Manage each player remotely by a web-based user interface via wired/wireless network.
- Complete step-by-step configuration via Wizard Mode.
- Recover system remotely for easy maintenance.
- Create log files recording the system status. Users can purchase [SuperReporter 2](#) to generate advanced reports.
- Manage the player as a standalone system or incorporate it with CAYIN CMS server as a server-client structure.
- Trigger emergency mode via CAYIN CMS server or [SuperMonitor 3](#)
- Hardware watchdog timer, CPU temperature.

Content Update

Update multimedia contents by USB flash drive (offline), FTP, Network Neighborhood, or by CAYIN CMS server with automatic centralized content update according to the pre-set schedule through LAN or the Internet.



SMP-WEB3 / SMP-WEB3N

Digital Signage Media Player

Web-based fanless digital signage player with AV-in (SMP-WEB3 only) supporting the playback of full-screen HTML/Flash/JPG and stored/real-time video playback. It is designed for the most flexible multimedia presentations. Its fanless design is the best choice for special noise or heat-exhaust sensitive environment or applications.

SYSTEM FEATURES

Multimedia Presentation

- Web-based presentation; support most popular web languages
- Support to playback video, Flash® animation, HTML web page, image, and text. It can also playback streaming video, when incorporating with Cayin CMS server.
- SMP-WEB3 can even play real-time video (AV-in) by directly connecting to a TV tuner, DVD player, camera, etc.
- Support most popular video codec and image file formats, such as MPEG 1/2/4, AVI, WMV 7/8/9, WMA, DivX, MP3, RAW DV, JPG, GIF, etc.
- Support diversified resolutions for both standard and wide screens: 640x480, 800x600, 1024x768, 1152x864, 1280x1024, 1280x720(720p), 1280x768, 1600x900, 1360x768, 1366x768
- Easily extend to an interactive platform when incorporating with touch screen, keyboard, or mouse device

Playback Management

- Update HTML, Flash, video files, and all other content manually or automatically over the network according to the pre-set schedule
- Able to playback HTML files from the player's hard disk drive or from remote URLs
- Support real-time video broadcast and central content scheduling when incorporating with Cayin CMS server. Administrators can remotely assign suitable content to players located in different sites.
- Edit up to 10 playlists and each playlist can contain up to 99 pages of content (full-screen HTML, Flash®, video, image or a mix of every type of content within one HTML)
- Support to detect network disconnection and automatically change to backup content

System Management

- Provide a web-based user interface for easy remote control of each media player
- Provide log function which can record the status of system, network, media player, and playback for management and analysis purposes
- Support system recovery function. System firmware can be restored to the factory default if



needed.

- Manual content update via standard Windows® Network Neighborhood over IP network
- Able to export/import playlists and duplicate playlists easily from one media player to others
- Support NTP service, which synchronizes the time of media players over a network

Others

- Support wireless LAN 802.11b/g (optional)



SMP-WEBPLUS

Digital Signage Media Player

Web-based dedicated digital signage player supporting full-screen HTML/Flash/JPG, HD (high definition) video, and streaming video playback. It can also support landscape and portrait presentations. It is designed for the most flexible multimedia presentations and deployed under an open structure for easy integration with various applications.

SYSTEM FEATURES

Multimedia Presentation

- Web-based presentation; support most popular web languages.
- Support to playback HD video, Flash® animation, HTML web page, image, and text. It also supports to playback streaming video, when incorporating with CMS server. Provide the most flexibility for designers to create multimedia presentations.
- Support most popular video codec and image file formats, such as MPEG 1/2/4, AVI, WMV 7/8/9, WMA, DivX, MP3, RAW DV, JPG, GIF, etc.
- Support both portrait and landscape displays.
- Support to playback two videos at the same time.
- Support various resolutions both standard and wide screens: 640x480, 800x600, 1024x768, 1152x864, 1280x1024, 1600x1200, 1280x720 (720p), 1280x768, 1360x768, 1366x768, 1600x900.
- Easily extend to an interactive platform when incorporating with touch screen, keyboard, or mouse device.

Playback Management

- Update HTML, Flash, video files, and all other content manually or automatically over the Internet according to the pre-set schedule.
- Able to open HTML files from the player's hard disk drive or from remote URLs.
- Support real-time video broadcast and central content scheduling when incorporating with Cayin CMS server. Administrators can remotely assign suitable content to players located in different sites.
- Edit up to 10 playlists and each playlist can contain up to 99 pages of content (full screen HTML, Flash®, and full screen video or image or a mix of every type of content within one HTML).
- Support to detect network disconnection and automatically change to backup content.

System Management

- Provide a web-based user interface for easy remote control of each media player.
- Provide log function which can recording the status of system, network, media player, and



playback for management and analysis purposes.

- Support system recovery function. System firmware can be restored to the factory default if needed.
- Manual content update via standard Windows® Network Neighborhood over IP.
- Able to export/import playlists and duplicate playlists easily from one media player to others.
- Support NTP service, which synchronizes the time of media players over a network.

Others

- Support wireless LAN 802.11b/g (optional)



CMS-Mini

Content Management server

Compact and reliable dedicated digital signage server for efficient media player management, content update, central scheduling, and streaming broadcast. Support 1 video signal per server.

SYSTEM FEATURES

Media Player Management

- Provide a complete media player list, detailing all media players controlled by CMS server.
- Create media player groups for easy management.
- Remotely manage media players in two major aspects: content update and play-list scheduling.

Access Control

- Create multiple user accounts and authorize each account to possess different access rights.
- Secure the access to Web Manager and Media Folder by username and password.

Content Update

- Update and synchronize content automatically to all media players in groups.
- Synchronize playlists, skin (theme image), and all multimedia content from the server to media players.
- Support to create folders and sub-folders to store and organize multimedia content.
- Support to upload contents by FTP and Network Neighborhood.
- Support to update contents to max. 40 players simultaneously.

Central Scheduling

- Centrally control playlists of all media players in groups.
- Edit playlists of video, image, ticker, and skin files for SMP-PRO series.
- Edit playlists of video and web play-list for SMP-WEB series.
- Schedule playlists by minutes, by specific day(s), by week or schedule an one-time event.
- Edit unlimited number of media player groups.

RTB (Real Time Broadcast)

- Assign each video signal (NTSC and PAL) to a particular channel.
- Real-time video/audio signal transcoding and broadcasting.
- Transmit streaming data to media players via LAN broadcasting, multi-casting, or uni-casting.
- Administrate up to 1 video signals per server; up to 64 video signals for the whole system.
- Support DVD quality MPEG-2 transport streaming; bit-rate from 1 Mbps to 5 Mbps (1Mbps for CIF; 2Mbps or up for Full D1).

