

SMP-WEBDUO

Dual Display Web-based Digital Signage Player



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CAYIN Network Digital Signage Solution
(English, Deutsch, Italiano)

SMP-WEBDUO Datasheet

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Features

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Main Features

High Quality Multimedia & Full HD Video Playback

SMP-WEBDUO is a web-based player that supports playback 1080p Full HD video, Flash® animation, HTML web page, image, and text. The player can even playback live video, when it is incorporated with a USB camera (UVC compatible) or a CAYIN CMS server.

Unique Dual Video Output Widely Broadening Applications

SMP-WEBDUO supports four signal output modes:

A **Single Mode:** connect to one screen

A B **Distinct Mode:** two screens present different contents

A A **Clone Mode:** two screens present identical content

A B C **Extended Mode:** two screens link together and present content stretching across two screens

More Flexible Combinations of Displays

One SMP-WEBDUO digital signage player can control two screens in both portrait and landscape orientation for most popular resolutions. Above all, you can even define a suitable resolution by yourself to match your screen. This unique feature enlarges the display selection from flat panel displays to LED and multiple screens.



Flexible Platform for Extended Integration

SMP-WEBDUO can be integrated with other external devices to meet requirements from diversified vertical markets. For instance:

Touch Screen: easily extends to an interactive digital signage system incorporated with HID compliance touch screens.

RS-232: supports turn on/off screens, adjusts brightness, and controls other devices, e.g. lamps or control panels.

Mobile Phone: uses mobile phone (ex. iPhone) to change playlists

Web Server & Database: possesses great flexibility to integrate with web servers (RSS, weather, etc.) and databases, such as CAYIN xPost.

Energy Saving and Environmentally-Friendly

SMP-WEBDUO, utilized embedded technology, is equipped with a low power CPU/Chipset and reduces power consumption by 60% to 70%, compared to a PC.

SMP-WEBDUO can even turn on and off remote screens immediately whenever it is necessary or based on a pre-set schedule. Volume can also be lowered automatically at night. One can control this by your pre-set schedule so that the volume being used will become more environmentally-friendly.



Easy and Flexible Content Creation in Two Ways

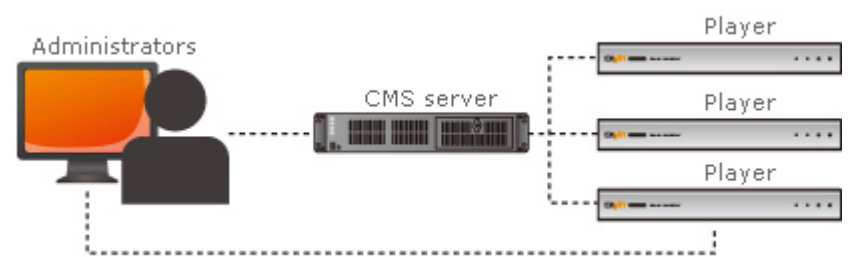
Users can use CAYIN Skin Editor to define the size and the location of each zone in a multimedia mix of video, music, Flash, image, ticker, and clock. In addition, experienced web designers can also utilize any web-editing tool to create HTML pages with the greatest of flexibility.

Multiple Ways for Content Update

Multimedia content can be updated manually by USB flash drive (offline), FTP, and Network Neighborhood. You can also use the CAYIN CMS server to update the player's content automatically through LAN or the Internet based on the pre-set schedule.

Local and Central Scheduling

Administrators can edit a schedule directly on an individual SMP media player. They can also choose to centrally control multiple players in groups by a CMS server. After a playlist is edited, the player will playback multimedia content based on this pre-set schedule.



Easy Installation

SMP-WEBDUO is a well-optimized digital signage appliance, integrating both hardware and software, and saves you the trouble of both installing software and testing compatibility. The compact media player also includes wall mount racks for easy installation. All you need to do is to plug it in and the power will turn on!

Instant Remote Diagnostics and Preliminary Maintenance

Administrators can easily check log records and some important indexes, such as CPU temperature and fan speed, to perform troubleshooting remotely. Whenever an abnormal situation occurs, the self-repair mechanism (hardware watchdog timer) of SMP-WEBDUO enables the system to restart automatically. Administrators can also choose to restore configurations or recover system immediately, whenever it is necessary.



Dual Video Output



RS-232



DVI



VGA



Portrait Display



RSS



Flash



HTML



1080p Full HD



Network Digital Signage Solution

Build your own digital Out-Of-Home network



Promote • Inform • Educate • Entertain

Main Features of CAYIN's Solution

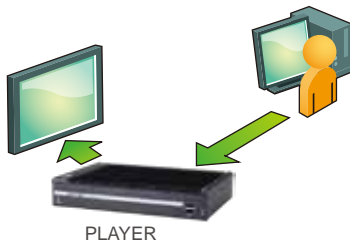
Powerful Remote Management for Small to Large-scale DOOH Network

The uniqueness of CAYIN network digital signage solution lies in its powerful remote management and scalable products which can collaborate with each other to compose versatile combinations corresponded to the requirements of each project.

Basic Level

Each SMP player can be managed individually by its web-based user interface via network.

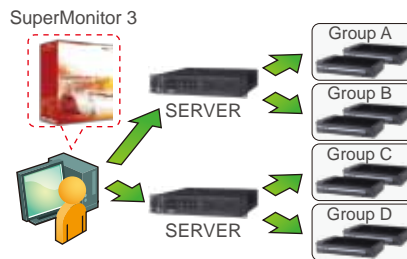
- Edit playlist and schedule directly on each SMP player
- Change system settings of each player
- Update content by USB flash drive (offline), FTP and Network Neighborhood
- Turn on/off display and adjust volume manually or by a pre-set schedule



Advanced Level

SMP players can be divided into groups and be controlled centrally by a CMS server and SuperMonitor 3 on both web-based and Windows-based user interfaces.

- Synchronize content by pre-set schedule
- Edit and schedule playlists centrally
- Monitor the functioning status
- Support alert mechanism
- Broadcast live streaming video
- Trigger emergency events
- Assign access rights to multiple users



Extended Applications

CAYIN provides sophisticated software to meet unique requirements from diversified applications.

SuperReporter 2

- Generate content playback reports and diagrams for billing and performance analysis

xPost

- Create and manage content easily for lobbies, meeting rooms, and wayfinding display



Multimedia Presentation



VIDEO

- 1080p full HD stored video
- Streaming video
- MPEG-1/2, MPEG-4 ISO, WMV 7/8/9, RAW DV, H.264



IMAGE

- JPG
- GIF
- PNG



WEB

- HTML, JavaScript, Flash
- RSS live feed

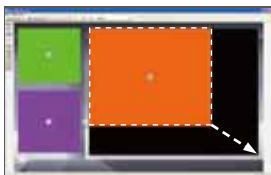


MUSIC

- MP3
- WMA
- Streaming audio

Easy & Flexible Content Creation in 2 Ways

1. **CAYIN Skin Editor:** A handy tool for users to define the size and location of each multimedia zone freely for both SMP-PRO and SMP-WEB series



2. **Any Web Page/Flash Editing Tools (SMP-WEB series):** Support to playback full-page HTML/Flash created by your own familiar editing tools, providing designers with the greatest flexibility

“CAYIN has sold its Digital Signage Solutions to more than **80** countries and regions.”



Extended Integration For Versatile Applications



Web Server & Database:

SMP-WEB series players can easily integrate with web servers and databases, such as CAYIN xPost, to fulfill unique demands of various applications.

lobbyPost:

- Guest room information
- Currency exchange rate
- Weather information
- Multimedia promotional messages

meetingPost:

- Calendar-based room booking system
- Easy content editing for meeting, banquet and event information

wayfinderPost:

- Meeting & event information
- Service facility sign and floor plan
- Room and facility direction guidance



RS-232 / LAN:

- Turn on/off screens, adjust brightness, etc.
- Switch playlists or control other devices, e.g. lamps or control panel



USB Camera:

- Easily integrate with USB cameras and other devices with UVC norm



Touch Screen:

- Easily extend to an interactive digital signage incorporated with HID touch screen



TV Tuner / DVD Player / Streaming Server (e.g. CAYIN CMS):

- Entertain people with TV programs and other real-time audio/video

CAYIN Product Portfolio

Zone-Type Digital Signage Player

SMP-PRO Series

This series is designed for applications which require displaying video, graphic, ticker, and clock. By using CAYIN Skin Editor, an intuitive, simple drag-and-drop tool, users can easily define the size and location of each zone.



SMP-PRO4

6 zones, fanless design, HD 720p video, AV-in, DVI, portrait mode



SMP-PROPLUS

7 zones, HD 720p video, 2 video zones, portrait mode

Web-Based Digital Signage Player

SMP-WEB Series

This series is designed to present advanced multimedia contents or interactive applications by HTML, JavaScript, Flash®, etc. with a limitless number of zones. For none HTML/Flash experts, CAYIN Skin Editor comes in handy to design templates to up to 8 zones. This series can also integrate existing web servers, databases and other external devices.



SMP-WEB4

fanless design, HD 720p video, AV-in, DVI, portrait mode



SMP-WEBPLUS

HD 720p video, 2 video areas, portrait mode



SMP-WEBDUO

full HD 1080p video, dual display, DVI, 2/4 video areas, portrait mode

Content Management Server

CMS Series

CMS is the dedicated digital signage server for efficient media player management, content update, central scheduling, streaming video broadcast, and access control for multiple users.



CMS-MINI

max. 1 video streaming channel, max. 30 accounts, CPU 1G Hz, 100Mbps Ethernet



CMS-PERFORMANCE

max. 8 video streaming channels, unlimited user account, CPU 2.4G Hz, 1G bps Ethernet

Advanced Management Software



SuperReporter 2

SuperReporter 2, the Windows®-based package software, helps administrators to generate playback and system status reports and diagrams for larger-scale management.



SuperMonitor 3

SuperMonitor 3, the Windows®-based package software, assists administrators in monitoring the functioning status of digital signage networks and manages multiple SMP players and CMS servers simultaneously.

Application Software



xPost

Tailored Software for Diversified Applications

xPost, the web-based software especially designed for various applications, features for its pre-designed templates and an easy-to-use platform for instant data entry. It further extends the usage of CAYIN SMP-WEB series players to meet users' requirements of frequent daily maintenance. Currently, xPost includes three main modules: [lobbyPost](#), [meetingPost](#), and [wayfinderPost](#).

* Specifications subject to change without notice. Please refer to the user manual of each product.



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