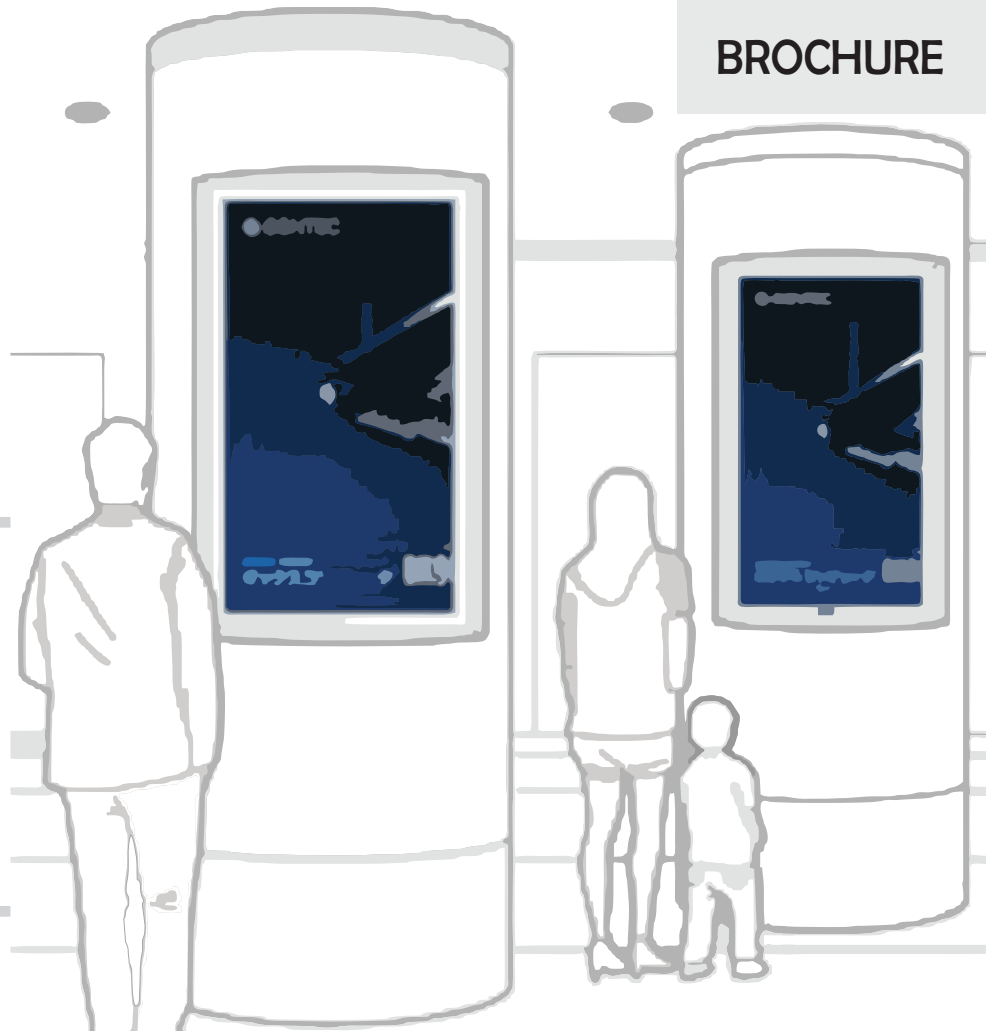




CS24

NETWORK DIGITAL SIGNAGE SOLUTION
BROCHURE



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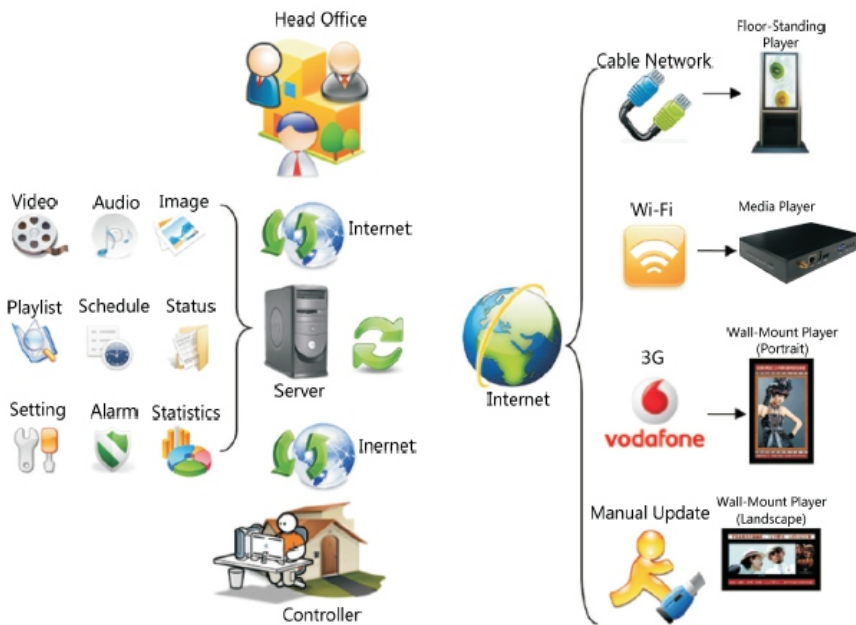
CS24 DIGITAL SIGNAGE SYSTEM - SYSTEM INTRODUCTION

CS24 is a solution that allows anyone to easily build and manage a centrally controlled network of dynamic displays.

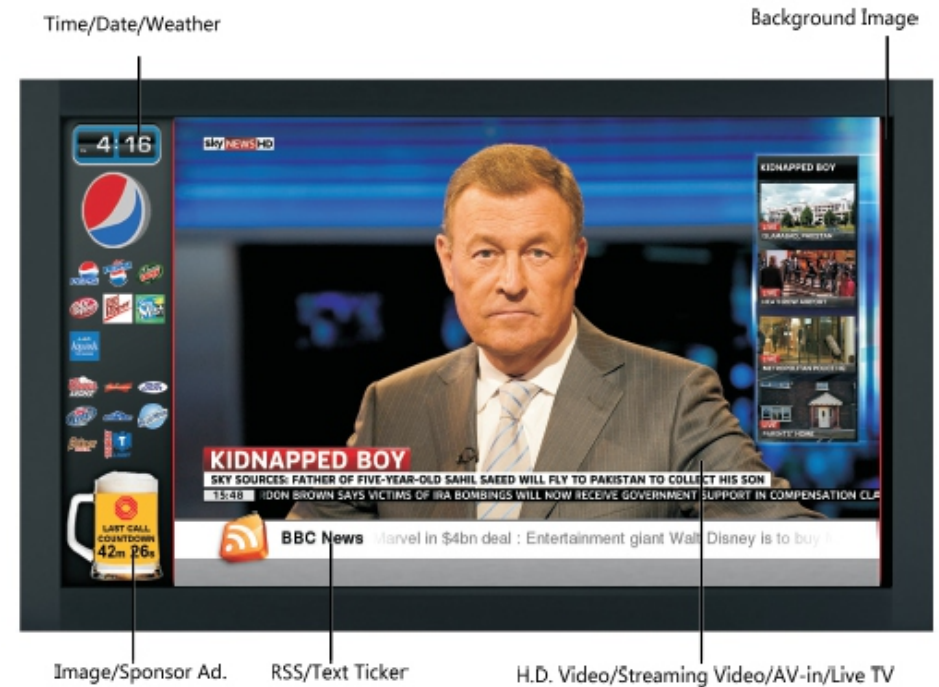
Screens/Displays connected to CS24 player are controlled from a central location through any IP-based network (Include LAN, WAN, wired or wireless, 3G, multicast satellite, or even a mix of any of all these.)

CS24 has been tested by amounts of clients, and achieved that more than 10,000 players are online and managed together.

System Architecture



System Architecture



CS24 DIGITAL SIGNAGE SYSTEM

System highlights

◆ 1080P Full HD over HDMI



CS24 system delivers high quality media content at full HD 1080P resolution through HDMI output.

◆ Dedicated Player



CS24 signage player is non-PC based, they are dedicated players that especially designed for digital signage application.

◆ Versatile Format Support



Prevalent media formats are support by CS24 , Such as Video, Image, Text, RSS, PDF, webpage.

◆ Streaming Video



CS24 is capable of displaying real-time program through streaming video from MMS server and keeping the stability.

◆ AV-in



CS24 supports external AV input. This allows you to connect a live video source directly into LCD signage display.

◆ POD (Playlist on Demand)



CS24 allows playing on demand playlist. Multiple pre-set playlist triggered by signal from external keypad, remote, or network.

◆ Mobile Digital Signage



Through built-in 3G or Wi-Fi module, CS24 can be installed in mobile location such as bus, taxi or train.

◆ Maintenance-free Player



Whenever the abnormal situation occur the self-repair mechanism enables the system to restart automatically.

◆ Queue System Support



The player receives queuing numbers from integrated queuing system and displays them on screens automatically.

◆ Multiple-Cooperation Management



With CS24 , players from many different companies can be managed on one server, each company is totally independent.

◆ 3G Network Traffic Limitation



CS24 allows controlling of network traffic to save your 3G cost, and it is also capable of indicating the download time.

◆ Static Storage



Built-in static storage makes player reliable, ensuring quiet work, shake-proof, less failure, and low power consumption.

◆ Screens nearby Synchronization



Within certain distance the players can synchronize the same content, as if they are displaying Live TV program.

◆ Ultra-huge Network support



Real case of easily manage over 10,000 devices from a central server.

Software Key Function

Player Management

- Remote Control & Device Management
- Real-time player status and exception reports
- Limit player's network traffic
- Preset content download time
- Get the Latest Playback Condition of Player by Screen-shot
- Schedule power and standby for each player
- Inset rolling text instantly for emergency purpose
- Player Group Management

Content Management

- Support Video, Image, Text, RSS,PDF and Webpage
- Display video/image from external source by AV-in
- Message: adjustable background color, font color, speed, effect and location. The font size is adjusted by the zone height. Transparent background for static message zone
- Time and Date Zone: flexible formats; auto sync with server time
- Support "Resume from Break Points" during content upload
- Image Transition Effect and image slides, including Cut-in Top/Bottom, Cut-in Left/Right, Jalousie Hori/Vert, Grid, Scroll Up/Down, Scroll Left/Right
- Content batch Upload-reduce repetitive, time-consuming tasks
- Content thumbnail, content preview

Layout Tool & Playlist Editing

- Layout Design tool: create new zones with quick click and drag to desired size and location.
- Layout menu bar: modify the zones' names and values for size and position exactly.
- Background Picture and Background Music.
- Main Playback Area
- Playlist Editing: Edit Playlist according to layout template; set media list for each individual zone.
- Preview the layout and selected media files (WYSIWYG).

Program & Scheduling

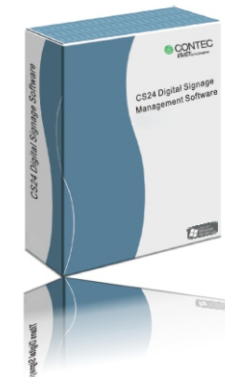
- Flexible campaign type: Idle-Loop campaign, On-Demand campaign, and Inter-Cut campaign.
- The Priority of campaigns: Inter-Cut campaign > On-Demand campaign > Idle-Loop campaign.
- Program scheduling and playlist control.
- Sync play programs on screens within certain distance
- Set a specific time range for downloading campaign.
- Graphical calendar interface for intuitive search and planning.
- Advanced editing for each playlist to set start time, duration and recurrence.
- Auto play programs in a loop if no schedule.

User Management

- User Management and Approval System.
- Define the permissions of every Role.
- Administrator manages the access level of every user

Reporting

- Check playback report and download it as Excel file
- Query playback reports by time and date, player ID and file name.
- Import reports from player



WALL-MOUNT LCD PLAYER

Introduction CS24 wall-mount network LCD players are very compact and easy to install, what you have to do is just to plugging in the power cord and to make network connected. works!

Features

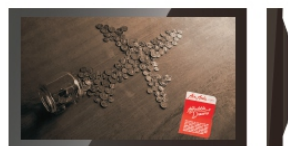
- Metal Housing and Solid Structure
- Fashionable Design and Ultra-slim frame
- Vertical and Horizontal Installation
- VESA Mount
- Built-in WiFi/3G Module (Optional)
- Outer design customizable
- OEM & ODM Production



iPhone Type



Slim Type



Common Type



Frame Type

Specification

Size	19 inches	22 inches	26 inches	32 inches	42 inches	46 inches	55 inches	60 inches	65 inches
Model	CS24-1918	CS24-2218	CS24-2618	CS24-3218	CS24-4218	CS24-4618	CS24-5518	CS24-6018	CS24-6518
Max.LCD Resolution	1440 X 960	1920 X 1080	1366 X 768	1366 X 768	1920 X 1080	1920 X 1080	1920 X 1080	1920 X 1080	1920 X 1080
Viewing Angle	170° / 160°	170° / 160°	170° / 160°	170° / 160°	170° / 160°	170° / 160°	170° / 160°	170° / 160°	170° / 160°
Color System	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
Response Time	4.5ms	15ms	6.5ms	4ms	4.5ms	6ms	8ms	5ms	6ms
Contrast Ratio	800:1	5000:1	3000:1	4000:1	4000:1	5000:1	5000:1	5000:1	5000:1
Brightness (cd/m2)	250	250	350	450	450	450	500	500	500
Network	10/100Mbps, Wifi(option),3G(option)								
Storage	Default 8GB SD (Maximum up to 128GB)								
USB Port	USB x2								
Power Input	AC 100V ~ 240V 50/60 Hz)								
Dimension (W x H x D)	460 X 307 X 57 MM	542 X 363 X 35 MM	662 X 416 X 40 MM	791 X 488 X 45 MM	1045 X 642 X 50 MM	1240 X 650 X 120 MM	1377 X 838 X 60 MM	1375 X 790 X 120 MM	/
Speaker	Built with 2 stereo speaker								
Color	Silver, Black or any other color								
Accessories	Remote, Key, Power Adaptor, Power Cord								
Certification	CE, RoHS, FCC								

FLOOR-STANDING LCD PLAYER

Introduction

The CS24 Floor-standing Network LCD Digital Signage players is very easy to install. It delivers super high quality content to attract passenger's attention and impress them.

At the same time, it is a modern decoration by itself with the fashionable housing.

Features

- Durable Metal Housing with Flexible Design
- Multi-language OSD
- 1080P Full HD
- Outer design customizable according to demands
- Built-in WiFi/3G Module (optional)
- OEM & ODM Production, Customized Size



Classic Type



Slim Type



iPhone Type

Specification

Size	42 inches	46 inches	55 inches	65 inches
Model	CS24-4216	CS24-4616	CS24-5516	CS24-1918
Max.LCD Resolution	1920 X 1080	1920 X 1080	1920 X 1080	1920 X 1080
Viewing Angle	178° / 178°	178° / 178°	178° / 178°	178° / 178°
Color System	16.7M	16.7M	16.7M	16.7M
Response Time	4ms	4.5ms	4.5ms	4.5ms
Contrast Ratio	4000:1	4000:1	5000:1	5000:1
Brightness (cd/m2)	450	450	500	500
Network	10/100Mbps, Wifi(option),3G(option)			
Storage	Default 8GB SD (Maximum up to 128GB)			
USB Port	USB x1			
Power Input	AC 100V ~ 240V 50/60 Hz			
Power Consumption	120W	180W	240W	400W
Dimension (W x H x D)	1045 X 642 X 50 MM	1240 X 650 X 120 MM	1377 X 838 X 60 MM	/
Speaker	Built with 2 stereo speaker			
Color	Silver, Black or any other color			
Accessories	Remote, Key, Power Adaptor, Power Cord			
Certification	CE, RoHS, FCC			



Brochure-holder Type

CS24-8028 DIGITAL SIGNAGE MEDIA PLAYER

Introduction

CS24-8028 player is the latest full HD 1080P network-manage solution for high-standard professional projects. It features the industrial-grade quality and trouble-free performance, let you build up a stable and cost effective system. With the unique high-definition video decoding capability, 1080P over HDMI and YPbPr, it allows you to deliver impressive and dynamic contents.



Specification

Contents & Playback	
Media Support	Video/Audio/Picture/Scrolling text/Streaming Video
Video format	MOV,AVI,MP4,DVD,ASF,WMV,MKV,RM,RMVB,TS,DAT,MPG,MPEG,VOB
Audio format	MP3,WMA,WMA Pro,AAC,MPEG1/2 Layer G Vorbis,Dolby Digital AC3,Dolby Digital Plus,RA-COOK,FLAC
Picture format	JPEG,BMP,GIF,PNG,TIFF
Scrolling Message (Ticker)	Support
Display Resolution	Up to 1920 x 1080
High Definition (HD)	1080P Full HD
Portrait Mode	Support
Background Picture	Support
Multiple Zones Display	Support Multiple Zones on screen
Hardware Specification	
Platform	Non-PC based, RISC or Embedded based platform
Video Output	YPbPr(1080P), HDMI(1080P), VGA(720P), CVBS(PAL/NTSC)
Audio Output	RCAL/R jack, SPDIF digital audio jack
Storage	4GB/8GB SD Card (Maximum up to 128GB), Hard Drive(Optional)
Processor	ARM based Multimedia Processor
Network	
USB Port	USB2.0 x 2
Power input	DC 12V
Performance	
Operating Temperature	0~70C Humidity: 10%~85%
Storage Temperature	-20C~80C Humidity: 5%~90%
Mean Time Between Failure (MTBF)	10,000 Hours
Life Cycle	10,000 Hours
Power Consumption	Approx. 12W
Other	
Dimension	160 x 114 x 30 mm
Net Weight	820g
Color	Gray, Customization is available
Accessories	AC Adapter (Input: AC/100~240V, Output: DV/12V), Power cord
certification	CE, RoHS, FCC