Digital Signage System Software Manual



1. Installation Guide

1.1 Download the Installer

Download the pvplayer and the pveditor software from the following website:

http://www.kazovision.com/multimedia/pvsystem/download

Sync LED Screen		Flash Disk Installation Tool (For Linux Edition Player) Date: 2015.04 Size: 1.77 MB	flashdisk_installation.zip					
Async LED Screen	This Linux version Installation CD will format the whole hard disk during installation, at the same time, it will install a $\hat{\underline{M}}$ new operating system on PC. Please backup your documents before installing it. Contact us if you have any							
Free Edition	questions.	questions.						
Download	🂐 Windows Version	Version: 0.13 Date: 2015.10 Size: 23.87 MB	pvplayer.exe + Download Upgrade					
Success Stories		Language: English, 中文						
	Make the Windows version player program able to play variants formats of videos. http://www.free-codecs.com/download/k_lite_codec_pack.htm							
	Android Version (BETA)	Version: 0.12 Date: 2015.04 Language: English	 pvdaemon.apk pvdevicemanager.apk 					
			pvplayer.apk pvsettings.apk					
	X Async LED Controller Version	Version: 0.13 Language: English, 中文	+ Download Upgrade					
	Editor Software - PVEDITOR							
	🂐 Windows Version	Version: 0.13 Date: 2015.10	🚯 pveditor.exe					
		Language: English, 中文						

1.2 Install and Launch the Player

Install the player "PVPlayer", double click the desktop icon to start the player.



A black window which is the interface of the player will be seen. Launch the "PVPlayer Options" can modify the size of the window on your needs.

Press keyboard "F2" to turn to the player configuration interface, please remember the MAC address, it will help you to find this sign in the manager system on the WEB.





1.3 Login the WEB System and Check the Sign Status

Open the web page with your browser: <u>http://pvmanager.kazovision.com</u> Get User ID and Password from the supplier and login.

🏠 PVMANAGER 🛛 🗙				
← → C 🕆 🗅 pvma	inager.kazovision.com/C	hangeLanguageAction.do		¶☆ ≡
	User ID:			
	Password:		Forgot Password?	
	Language:	English	~	
		Desktop / Tablet		

Click the "Ungrouped Signs" in the toolbar on the left.



PVMANAGER → C ♠ P pvm	× 📃	zovision.com/Com	mitLoginAction.do)	E 5 ⁰
pvmanager	Signs	Playlists	System 🗸		1
Search All Signs					
Location	« ,	Search Terms			
⊳ 🚯 shanghai	~	Search Results			Action ~
🛚 🚯 new york		Sign Name		Mac Address Location	Connection
🆓 All Signs		•		00:00:00:00:00 shanghai - Office	Online 0.10 (2013- 12-28)
de Ungrouped Signs	J			00:0B:14:00:0(shanghai - Office	Offline 0.12 (2015- 07-02)
		2		00:23:45:67:8§ shanghai - Office	Offline 0.12 (2015- 07-10)
		A		00:E0:4C:0F:6 shanghai - Office	Offline
		N		00:E0:4C:13:5 shanghai - Office	Offline
		Δ		08:00:27:57:6F shanghai - Office	Offline
		•		20:59:A0:C6:0 shanghai - Office	Online 0.10 (2013- 12-28)
		— -			Online

All the signs which were automatically registered to the system but ungrouped yet can be seen. Find the MAC address of your own sign from the list, and click the sign to modify the sign details.

Search All Signs Search Terms shanghai showyork Sign Name Search Results Action Bonewyork Sign Name OD:E0:4C:19:0C:07 0.09 (201:306:29) OD:E0:4C:19:0C:0E OD:00 (201:306:29) OD:E0:4C:19:0C:C4 OD:00 (201:306:29) OD:E0:4C:19:0C:C4 OD:00 (201:306:29) OD:E0:4C:19:0C:E1	pvmanager si	gns Playlists	System 🗸			
shanghai \$ search Terms \$ shanghai \$ shang	Search All Signs					
Shanghal Search Results Action > Syshanghal Sign Name Mac Address Location Connection Syndy Syndy Sign Name Mac Address Location Connection All Signs OD:E0:4C:19:0C:07 Online OD:90(213.06.29) OD:E0:4C:19:0C:07 OD:E0:4D:10:07:02 OD:E0:4D:10:07:	ocation	 Search Terms 				
Sign Name Mac Address Location Connection Image: All Signs	🚯 shanghai	✓ Search Results				Action ~
Image: Contract Signs	🚯 new york	Sign Name		Mac Address	Location	Connection
Image: Constraint of the second sec	C All Signs	2		00:E0:4C:19:0C:07	·	Online 0.09 (2013-06-29)
 00:E0:4C:19:0C:A3	logrouped Signs	2		00:E0:4C:19:0C:0E		Online 0.09 (2013-06-29)
 		2		00:E0:4C:19:0C:A3	}	Online 0.09 (2013-06-29)
 		20		00:E0:4C:19:0C:C4	ł	Online 0.09 (2013-06-29)
 		2		00:E0:4C:19:0C:E1		Online 0.09 (2013-06-29)
■ 00:E0:B4:0D:73:02 ● Online ■ C8:1F:66:23:96:48 ● Online ● 0.12 (2015 07.70) 0.12 (2015 07.70) 0.12 (2015 07.70)		A		00:E0:4C:19:0E:B3		Online 0.09 (2013-06-29)
C8:1F:66:23:96:48		2		00:E0:B4:0D:73:02		Online 0.13 (2015-07-28)
		2		C8:1F:66:23:96:48		Online 0.12 (2015-07-10)
Displaying 1 to 8 of 8 items 10 🔻 🖂 Page 1 of 1 🕨 🕅 📿		Displaying 1 to 8 of 1	items		10 🔻 🖬 🖣	Page 1 of 1 🕨 🕅 🔿

Click "Action" > "Modify Sign Details".



pvmanager sign	s Playlists	System 🗸			2
1.*					Menu 🗸
ocation «	✓ Playlists Published Te	o This Sign			Action ~
🚯 shanghai	Playlist Name		Status U	Jser	Update Time
new york	★ ■ 20150724 (128683) - 20 10:56:49	4 0150724 [Forever Wholeday] Priority:	Normal 2015-07-24 Published (c	iser 2015 default)	5-07-24 10:56:49
C All Signs	[sample] - sa	ample [Forever Wholeday] Priority: L	west 2015-07-22 Published	2015	5-07-22 16:31:50
				Modify Sign Details	Action V
	Sign Name: Location:	-	IP Address:	180.175.184.95 (China)	
	Running Mode:	NORMAL	Mac Address:	C8:1F:66:23:96:48	
	Connection:	Online	Version:	0.12 (2015-07-10)	
	Width(px):	500	Sensor Type:	KM-S10	
	Height(px): Notes:	300	Power Controller Set Led Brightness:	LINSN	

Modify location of the sign in the page. After committing, the sign will be assigned to the location you selected.

Location:	(shanghai) Office	•
Commit	(shanghai) Office (shanghai) test1 (new york) test2	
	(shanghai) 正式使用的客户	

As long as the player in a network which can access Internet, it will be automatically connected to the Web Server and registered to the ungrouped signs. If the sign can't be found in the list, please check the network of the player PC.

2. WEB Server

2.1 Edit and Publish Playlist Online

Check the sign you want to produce and publish a playlist to, then click the "Action" > "Create New Playlist" below.



pvmanager s	igns	Playlists	System 🗸				
Search All Signs							
ocation	« ,	Search Terms					
🚯 shanghai	~ :	Search Results			Г		Action ~
🚯 tokyo		Sign Name		Mac Address	Location	Create New F	Playlist
All Signs		•		00:00:00:00:00:00	shanghai - C	Create New I	Notification
lungrouped Signs				00:0B:14:00:00:24	shanghai - C	LED Screen Brightness	
				00:23:45:67:89:02	shanghai - C	Power Scheo	lule
		2		00:E0:4C:0F:6B:B4	shanghai - C	Reboot	
		- N		00:E0:4C:13:55:AD) shanghai - C	More	
		Δ		08:00:27:57:6F:D7	shanghai - O	ttice	Offline
		•		20:59:A0:C6:0E:CE	3 shanghai - O	ffice	Offline 0.10 (2013-12-28)
				20:59:A0:FB:2B:3D) shanghai - O	ffice	Offline 0.10 (2013-12-28)
		✓ #		C8:1F:66:23:96:48	shanghai - C	Office	Online 0.12 (2015-07-10)
		2		00:E0:4C:0F:6A:97	shanghai - ፲	式使用的客户	Offline 0.09 (2013-06-29)
		Displaying 1 to 10 of	75 items		10 🔻	I A Page 1	of 8 🕨 🕨 C

Enter to the Online Editor page.

🍾 PVMANAGER 🛛 🗙		
← → C fi 🗋 pvmanager	.kazovision.com/CommitLoginAction.do	〒 ‱ ☆ =
pvmanager Signs	Playlists System 🗸	<u>L</u> -
20150818		Menu V
Location «	Publication Status: Published Schedule Status: Waiting Save Status: Unsaved	
> 🚯 shanghai	✓ Screen Layout	100% 🗸 Action 🗸
🚯 tokyo Þ 🚯 new york	A (500 x 300)	Window A
C All Signs		Width (px) 500 Offset Left 0
🚓 Ungrouped Signs		Height (px) 300 Offset Top 0
	✓ Playlist Items	↑ ↓ Action ↓
	ltem type Content	time Previc Edit
	✓ Published to Signs	Action 🗸 🗸

While a playlist completed, click the "Approve & Publish" to publish playlist, it'll save it to a package then go to the "Content Detail" page.



			Menu 🗸
Publication Status: Published	Schedule Status: Waiting	Save Status: Unsaved	Preview Playlist
 Screen Layout 			Approve & Publish
A (500 x 300)			Rename Playlist

Click the "Verify Pass" button to complete the whole publication.

pvmanager	igns	Playlists	System 🗸			1
20150818						Menu 🗸
ocation	« 🗸	Content Detail			<u>ا</u>	Action ~
> 🚯 shanghai		Content Name:				Verify Pass
🚯 tokyo		Туре:	🗟 Online	ontent	L	Verify Refuse
🔊 🚯 new york		Status: Vorify Status	A Maiting			
🕼 All Signs		User ID:	user			Edit
🍓 Ungrouped Signs		User Group:	default			Delete Content
		Update Time:	2015-08-1	16:03:14		
			Create package (PVPLAYER) Processing image file: /var/www/pvmanager/content/149527.files/taekwondo_efoot.jp Creating package file /var/www/pvmanager/content/149527.package Finished SUCCESS			
	~	Publish to Signs				
		Sign Name		Mac Addr Location	Send Status	Execute Result
		A Y		C8:1F:66: shanghai - Office	√erifing	Waiting
	~	Delete from Signs				

2.2 Sign Management and Monitor

Click the sign (according to MAC address) can get the sign details.

2.2.1 Playlists Published To This Sign

It shows the "Playlist Name", "Status", "User" and "Update Time". The admin could get the situation with one sight, and delete it directly.

Playlists Published To This Sign		ſ	Action ~
Playlist Name	Status	U	Delete Selected Playlist
★ S 20150724 (128683) - 20150724 [Forever Wholeday] Priority: Normal 2015-07-24 10:56:49	Published	US((def	er 2015-07-24 10:56:49 fault)
Sample [sample] - sample [Forever Wholeday] Priority: Lowest 2015-07-22 16:31:50	Published		2015-07-22 16:31:50

2.2.2 Sign Details



It shows the "Sign Name", "Location", "IP Address", "Mac Address" and so on. Click "Action" can modify the sign details.

✓ Sign Details				Action ~
Sign Name:			180.175.166.170	
Location:	Office	IP Address:	(China)	
Running Mode:	NORMAL	Mac Address:	C8:1F:66:23:96:48	
Connection:	Online	Version:	0.12 (2015-07-10)	
Width(px):	500	Sensor Type:	KM-S10	
Height(px):	300	Power Controller:	KM-S10	
Notes:		Set Led Brightness:	LINSN	



2.3 Playlists Management

Click the "Playlists" to go to the playlists management page. Choose the playlist, then click "Action" can publish or delete the playlists.

pvmanager sign	is Playlists System ❤			
Search All Playlists				
ocation «	> Search Terms			
🚯 shanghai	 ✓ Search Results 			Action ~
🚯 new york	Playlist Name	Status	User	Update Time
Carta All Terminals	🔲 🗟 20150818	Draft , Waiting	USEľ (default)	2015-08-18 16:03:14
뤎 Ungrouped Terminals	📄 🛱 default	Published	USEľ (default)	2015-08-12 16:45:12
	📄 📅 default	Draft , Waiting	USEľ (default)	2015-08-12 15:50:38
	📄 ி default	Draft , Waiting	USEľ (default)	2015-08-12 15:50:14
	New Script	Published	USEF (default)	2015-07-30 11:46:50
	📃 🗏 20150724	Draft, Waiting	USEF (default)	2015-07-24 18:07:11
	📃 🗟 20150724	Published	USOF (default)	2015-07-24 10:56:49
	📃 🗟 20150724	Refused , Waiting	USEľ (default)	2015-07-24 10:53:59
	🔲 📅 default	Draft , Waiting	USEF (default)	2015-07-23 18:16:58
	📃 🔚 default	Draft , Waiting	USEľ (default)	2015-07-23 18:16:29
	Displaying 1 to 10 of 85 items		10 🔻	I A Page 1 of 9 D DI C

2.4 System Management in Web Sign

Click the "System" button.





There are 14 functions in the System Management, this chapter introduce the major functions.

2.4.1 Cities / Locations

There is the location list on the left in both Sign and Playlists page.



Partition the signs by city, e.g. Shanghai, New York.



✓ Search Terms		Search	Clear Search
Location Name:	City:		
Associated User:			
✓ Search Results			Action ~
City			Edit
shanghai			Edit
tokyo			Edit
new york			Edit
Displaying 1 to 3 of 3 items		10 🔻 🛛 🖣 Page 1	of 1 🕨 🕅 Ö

(2) Location

Location is a congregation of the sign, each sign may belongs to a location.

 Search Terms 		Search Clear Search
Location Name:	City	
Associated User:		
✓ Search Results		Action ~
Location Name	City	Edit
Office	shanghai	Edit
test1	shanghai	Edit
test2	new york	Edit
正式使用的客户	shanghai	Edit
Displaying 1 to 4 of 4 items		10 V 14 4 Page 1 of 1 V V C

When create a new location, you must input the Location Name and select a belonging city.

2.4.2 User Groups and Users

(1) User Groups

Create a new user group and enable its privilege.



✓ User Group Details		
User Group Name:*	Group Administrator: The user The others can only operate the info	with group administrator privilege can view and edit own user groups and users. mation belongs to his own user group.
Privilege:	Browse Signs: View Sign list, at Operate Signs: Modify running i Manage Signs: Update configur Browse Contents: View content Publish Contents: Verify the cont View City & Region Tree: View View Ungrouped Sign: View Uf Configure System: Manage mee Manage Regions: Manage city a Browse System Statistics: Sign management and logged in users.	d Sign status. tode, reboot, and set power schedual. tion, shutdown, remote wake up, reset, upgrade, and delete Sign. s list, and contents detail. Int and notify. int. The content won't be sent to a Sign only when it's been verified. the city and region tree on the left side. grouped Sign lia server, Browse System Information and configure system. Ind region. monitor, Sign online status, error log, transfer statistics, play statistics, events
	Location Name	City
	Office	shanghai
	test1	shanghai
	test2	new york
	□ 正式使用的客户	shanghai

Location:

(2) Users

Add, modify and delete the user account to login the Web Server.

 User Details 			
User ID:*			
Password:*			
Password Confirmation:*			
User Name:*			
E			
Email.			
Remark:			
User Group:*		•	Detail
Commit	Return		

2.4.3 Play Log

List the played times and total time of each item in the content script, convenient to provide data info to the advertisers.



View by Sign View by Play Item			
✓ Search Terms		Search	Clear Search
City Name:	Region Name:		
Content Name:	Period:	2015-09-17 🔛 2015-09-24	
✓ Search Results			Action 🛩
Sign Name	MAC	Location	Detail
•	00:00:00:00:00:00		Detail
X	00:0B:14:00:00:24		Detail
₽t.	00:23:45:67:89:02		Detail
Δ	00:90:0B:38:80:2C		Detail
₽t.	00:E0:4C:0F:6B:B4		Detail
₽t.	00:E0:4C:13:55:AD		Detail
Δ	08:00:27:57:6F:D7		Detail
•	20:59:A0:C6:0E:CB		Detail
•	20:59:A0:FB:2B:3D		Detail
₽t.	C8:1F:66:23:96:48		Detail
Displaying 1 to 10 of 74 items		10 🔻 📢 Page 1	of 8 🕨 🕅 🔿

2.4.4 Events

It displays the operation of all users in the Web Server, include login, logoff and other operations.



3. Create and Publish Playlist by PVEditor

Install the editor program "PVEditor", double click the desktop icon.



3.1 Create Playlist

There is a content list on the left, default to display the last list. It displays the following list at the first launch.



3.1.1 Region

The corresponding part of this icon called Region.

3.1.2 Schedule

in the corresponding part of this icon called Schedule, each schedule has a " Content" below.

 Image: Second secon

Select a content, 🧿 this icon above will bright, click it to create a new schedule.

The following dialog box pops up.



Forever	
) Date: St	tart: 2016/03/23 - Stop: 2016/03/23 -
Every Day	
Every Week:	MON TUE WED THU FRI SAT SUN
Every Month:	1 2 3 4 5 6 7 8 9 10 11 12
	13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
) Wholeday) Time: St	tart: 00:00:00 🔺 Stop: 00:00:00 👘
•]
	Every Day Every Week: Every Month: Wholeday Time: Si

Set a period of the schedule, for example, start at 9 a.m. and stop at 4 p.m. on Monday to Friday in November, 2012.

You could even add more periods, just click the + icon on the upper right corner to add, and the - icon to delete.

Choose different priorities for different programs. It has the following five options.

Priority:	Normal	-
	Highest	
	High	
	Normal	
	Low	
	Lowest	

3.1.3 Program

🖶 The corresponding part of this icon called Program.



Select a schedule, then click the **t**icon above to create a new program.



Edit Progra	m		×
Info: Caption:	New Program	n	
Repeat	Time: 1	Play Time:	00:30:00
		<u>o</u> k	<u>C</u> ancel

Alternative

Repeat Time: How many times you want to play the program. Play Time: The duration that you want to play the program.

3.2 Window

There is a background screen in each program, create any windows on it is available.

	Program: Name: Default P 🖺 Detail
A (1024x768)	Repeat times 1
	Play time: 00:30:00
	Window:
	Left:
	Тор:
	Width:
	Height:
	Main Window
	Transparent (Key out black)

3.2.1 New Window and Settings

Click "Window A" to edit it.



A (1024x768)	Program: Name: Default P E Detail Repeat times 1 Play time: 00:30:00	
	Window: Left: 0	
	Top: 0	
	Width: 1024	
	Height: 768	
	Main Window	
	Transparent (Key out black)	

Drag and extrude the window to modify its parameter, or modify it in the parameter box. Main Window:

Each program can set at most one main window, the play time is basis of the main window, the other windows will be loop playback; if a main window hasn't been set, the window with the longest play time is the main window of the program.

Transparent (Key out black):

When the window background color is black, it will automatically key out black when displaying. The play effect of the window is transparent.





3.3 Play Item



Located on the middle of the software interface, it's used to edit items of the windows.

3.3.1 New File Item

Click the 👈 icon, and select the file.

🐌 Open		x
Look <u>i</u> n:	📲 Computer 🕞 🕫 😰 🖽 🗸	
Recent Places Desktop Libraries Computer Computer	Hard Disk Drives (1) Local Disk (C:) 16.0 GB free of 24.8 GB Devices with Removable Storage (1) CD Drive (D:)	•
Network	File name:	2

3.3.2 New Item

Click the 🕂 icon pops up the following add item list.



	Video File
	Video Stream
16	Video Signal
-	Flash File
Q	Web
	Image File
	Gif Image File
a	Text File
a	Text
a	Pixel Text
Ŵ	MS Word File
È	MS Excel File
a	Subtitle Text File
a	Multi Line Text File
2	RSS Text
₽	Database
Ø	Clock
Ō	Timer
P	Weather
9	Sensor
9	Noise

Each of the add item dialog box has an *continuation* icon in the lower left corner.



Click it and pop up this menu.

Set Display Schedule: Similar to the schedule, set a period to play for the add item with its own period configuration is available.

Set Related Play: Set the item's related window play. The effect is that when playing the item, the corresponding correlation window can also play the corresponding content.

Save as Default Parameter: Save the current parameter to default parameter.

3.3.3 Import Media List

Click the icon to select an import list file.

Media list file is a text document, defined all the media files to a content package in it. Each line of the text is a media file name.



Media List Sample - Notepad	×
<u>File E</u> dit F <u>o</u> rmat <u>V</u> iew <u>H</u> elp	
C:\Users\Public\Pictures\Sample Pictures\Koala.jpg C:\Users\Public\Pictures\Sample Pictures\Wolf.jpg C:\Users\Public\Pictures\Sample Pictures\Panda.jpg C:\Users\Public\Pictures\Sample Pictures\Jerryfish.jpg C:\Users\Public\Pictures\Sample Pictures\Penguins.jpg	*
4 F	

3.3.4 Modify and Delete Item



Select an item, the "Modify Item" icon and "Delete Item" icon above will be bright.

3.3.5 Move Item Up/Down



Select an item, the "Move Item Up" icon and "Move Item Down" icon above will be bright.

3.3.6 Spot Mode

____ Spot Mode

When entering this mode, select the video files, Flash files, and image files. Then do modify, delete, and move up and down operation.

0:00:00	* *			1 🔁	🖹 🗊 🗕 🚹	4		Spot Mo
Caption	File Name	Stay Time	Ca	ption	File Name	Stay Time	Repeat Ti	Status
Lighthous	C:\Users\Put	00:00:10	Lia	hthouse	C:\Users\Public\Pictu	00:00:10	5	Valid
Lighthouse	C:\Users\Put	00:00:10						
Lighthouse	C:\Users\Put	00:00:10						
Lighthouse	C:\Users\Put	00:00:10						
Lighthouse	C:\Users\Put	00:00:10						
	0:00:00 Caption Lighthouse Lighthouse Lighthouse Lighthouse	0:00:00	0:00:00	0:00:00 Caption File Name Stay Time Caption File Name Stay Time Lighthous (C:\Users\Put 00:00:10 Li	0:00:00 Image: Constraint of the second	0:00:00 Image: Constraint of the second	0:00:00 Image: Constraint of the start of the star	0:00:00 Image: Caption File Name Stay Time Lighthous(C:\Users\Put 00:00:10 Lighthouse Lighthous(C:\Users\Put 00:00:10 Image: Comparison of the stay Time Repeat

The following description is for the image file

Select an image file, and it will pop-up the following panel. Compared with the normal mode, this item just one more "Repeat Time".



🐌 Image File				×
Info:				
Caption:				
File Name:				- 🖒
Aspect Ratio	Extend	•		
Entry Effect:	Fade In	Speed:		
Stay Time:	00:00:10]		
Repeat Time	a 10 ▲			
			<u>0</u> K	Cancel

The default Repeat Time is 10 which can be modified. After addition, the left border will appear 10 items which is the effect of setting Repeat Time 10. If you add multiple image files, and the number of repetitions is different, the software will play these image files evenly.

As shown below, the number of three image files' Repeat Time were 3, 5 and 7. Start time is 8.00.

Start Time:	8:00:00			🖬 🔁	1 - 1	Ţ.	Spot	Mode
Time	Caption	File Name	Stay Time	Caption	File Name	Stay Time	Repeat Ti	Status
08:00:00	Penguins	C:\Users\Public\Pictures\S	00:00:10	Penguins	C:\Users\Public\Pictu	00:00:10	3	Valid
08:00:10	Lighthouse	C:\Users\Public\Pictures\S	00:00:10	Lighthouse	C:\Users\Public\Pictu	00:00:10	5	Valid
08:00:20	Chrysanthemum	C:\Users\Public\Pictures\S	00:00:10	Chrysanthe	C:\Users\Public\Pictu	00:00:10	7	Valid
08:00:30	Lighthouse	C:\Users\Public\Pictures\S	00:00:10					
08:00:40	Chrysanthemum	C:\Users\Public\Pictures\S	00:00:10					
08:00:50	Penguins	C:\Users\Public\Pictures\S	00:00:10					
08:01:00	Chrysanthemum	C:\Users\Public\Pictures\S	00:00:10					
08:01:10	Lighthouse	C:\Users\Public\Pictures\S	00:00:10					
08:01:20	Chrysanthemum	C:\Users\Public\Pictures\S	00:00:10					
08:01:30	Lighthouse	C:\Users\Public\Pictures\S	00:00:10					
08:01:40	Chrysanthemum	C:\Users\Public\Pictures\S	00:00:10					
08:01:50	Penguins	C:\Users\Public\Pictures\S	00:00:10					
08:02:00	Chrysanthemum	C:\Users\Public\Pictures\S	00:00:10					
08:02:10	Lighthouse	C:\Users\Public\Pictures\S	00:00:10					
08:02:20	Chrysanthemum	C:\Users\Public\Pictures\S	00:00:10					
				•				

3.3.7 Preview

When the program list is created, preview it first.



The preview screen:





3.4 Publish Playlist

Here are 3 methods of publishing playlist by PVEditor.

3.4.1 Send to WEB



Using PVEditor to edit playlist, when completed, click the "Send to WEB" button in the toolbar.

🗋 New File 👌 Open File... 🔒 Save File 🛛 🕥 Preview... 🛛 🍓 Send to WEB . 🎼 Send to Sign... 🐙 Export Package... 🛛 🥥 Help... 💿 About...

Then the "Send to WEB" dialog will popup. You should set the Web Server for the first time, click the configure button, and input the User Name and Password.



Option	s				×
General	Default	Value C	Content Verification	Web Server	
URL:		http://pvr	manager.kazovisior	n.com	
User N	ame:				
Passw	ord:				
🔳 Enal	ole Media	Server:			
					Check
				<u>0</u> K	<u>C</u> ancel

Click the "OK" you'll see the list of assigned signs.

Check the sign you want to publish a playlist to, and click the "Upload" button, it will publish the playlists to the Web Server.

Publish Content	
Setting Loo	
Content Name: default	
Download Date: Start: 2015/09/15 - End: 2015/09/15 -	
Download Time: Start: 00:00:00 A	
I I I I I I I I I I I I I I I I I I I	Â.
	E
(00:0B:14:00:00:24)	
(00:E0:4C:13:55:AD)	
(20:59:40:EB:2B:3D)	
- C8:1F:66:23:96:48)	
Card Using (48:02:24:06:A1:6F)	
→ → → → → → → → → → → → → → → → → → →	
	Ψ
Refresh Configure	

Login WEB server, click "Playlists", and check the playlist you just uploaded, then click the "Approve & Publish" button to commit it, the verify status will turn into "PASSED". Once the verify playlist passed, the player will download the content and play it.



pvmanager Signs	s Playlists System 🗸		
Search All Playlists			
ocation «	> Search Terms		
🚯 shanghai	✓ Search Results		Action ~
tokyo	Playlist Name	Status U	Approve & Publish
All Terminals	e default	Published u	user Un-Publish (Revert to Draft)
뤎 Ungrouped Terminals	📄 🖩 default	Draft, Waiting (Ser Delete Permanently
	📃 開 default	Draft, Waiting (d	Ser Create New Playlist
	📃 🔚 New Script	Published (ser 2015-07-30 11:46:50
	20150724	Draft, Waiting (ser 2015-07-24 18:07:11
	20150724	Published (ser 2015-07-24 10:56:49
	20150724	Refused , Waiting	ser 2015-07-24 10:53:59
	📄 🔚 default	Draft, Waiting (ser 2015-07-23 18:16:58
	📃 開 default	Draft, Waiting (d	ser 2015-07-23 18:16:29
	📄 🔚 default	Draft , Waiting (d	ser 2015-07-23 16:39:41
	Displaying 1 to 10 of 84 items		10 • I • Page 1 of 9 • • O

3.4.2 Send to Sign



While a playlist be made, click the "Send to Sign" button.



Click "Add" in the following page to add a sign.



🐌 Send to Sign		
Setting Log		
Content Name: default		
Sign Name	IP	
Selec All	Add Edit	Delete
	Send	<u>C</u> lose

Set the name and input the IP address of the sign.

🐌 Sign		X
Info:	Sign 1]
Name:	192.168.0.122	
IF.		
		<u>O</u> K <u>C</u> ancel

Check the sign then click "Send" button to complete the publication.

Send to Sign		
Setting Log Content Name: default		
Sign Name	IP	
Sign 1	192.168.0.122	
Selec All		Add Edit Delete
		Send Close



3.4.3 Export Package



While a playlist be made, click the "Export Package" button.

📄 New File 🚵 Open File 🔚 Save File	Preview	🔹 🌸 Send to WEB 🝺 Send to Sign	🔎 Export Package	🕜 Help	About
	-				

Click "Export" button in the following page.

Sexport Package	
Settings Log	
Export To: C:\Users\Administrator\KazoVision\PVEDITOR\export\default.package	<u></u>
Customize Include Files Device Type I Open the containing folder after package exported.	
and wait until the playlist appears on the Sign. Then remove the USB stick.	er,
<u>Export</u>	lose



When finished, the package file will be in the folder.

Copy the package into a folder named "import" of a flash disk. Then plug it to the player PC, it will be loaded automatically.



4. Sign Configuration

14 configuration options provided in the Editor Sign, you could update it to the Player directly, or sent it through the Web Server as well as import it by the Player.



4.1 Play Control Configuration



There are five buttons framed in each sign configuration. Update Configuration: Import the current configuration to the Player at once.

Export: Export the configuration to an offline package file, and import it to the Player later.



Script tab: dispatch mode, synchronize mode (Only Support Linux System), verification code, and misc.

Video tab: Used to select video and video stream.

Notify tab: Used to set notification options.

Misc tab: Show floating clock on the screen when no contents need to be displayed. It's just used to check the screen.

4.2 Sensor Configuration

Sensor - C:\l	Users\Administrator\KazoVision\PVEDITOR\sensor\sensor.pse	
File		
📄 <u>N</u> ew File 🖻	💁 Open File 🔚 Save File 🛛 🌒 Update Configuration 🔑 Export	
Device Type:	NONE	
	NONE	
	KM-S10	
	KM-S15 LINSN	
	NOVASTAR	
	SANSI	
	RSTECH	

We provide 6 device types: KM-S10, KM-S15, LINSN, NOVASTAR, SANSI, RSTECH in the sensor configuration.

4.3 Power Controller Configuration

🐌 Power - C:\U	Power - C:\Users\Administrator\KazoVision\PVEDITOR\power\power.ppo							
File								
📄 <u>N</u> ew File 🖻	💁 Open File 🔚 Save File 🛛 🏟 Update Configuration , 🖞 Export							
Device Type:	NONE							
	NONE							
	KM-S10							
	LINSN							
	SANSI							
Power	r On Time: 00:00:00							
Every	Week: 🗹 Monday 🗹 Tuesday 🖉 Wednesday 🖉 Thursday 📝 Friday 🛛 Saturday 📝 Sunday							
Power	r On Time: 00:00:00							
Every	Week: 🗹 Monday 🗹 Tuesday 🖓 Wednesday 🖓 Thursday 🖓 Friday 🛛 Saturday 🖓 Sunday							
Power	r On Time: 00:00:00 A Power Off Time: 00:00:00 A							
Every	Week: 🗹 Monday 📝 Tuesday 📝 Wednesday 📝 Thursday 📝 Friday 📝 Saturday 📝 Sunday							

Choose the device type, then set the power on time and power off time.

4.4 LED Controller Configuration





The PVSystem can be applied to different kinds of LED screen, and realize the RMON.

LINSN Controller	DBSTAR Controller	SANSI V3 Controller
http://www.linsn.com	http://www.dbstarled.com	http://www.sansitech.com
ZDEC Controller	NOVA Controller	COLORLIGHT Controller
http://www.zdec.com	http://www.novastar-led.com	http://www.lednets.com
MOONCELL Controller	*	
http://www.mooncell.com.cn		

The LED configuration is specifically provided for supporting the screen brightness adjustment of LED device controller.

4.1.1 Device



File Edit
New File <u>Open File</u> <u>Save File</u> <u>Save File</u> <u>Save File</u> Device Brightness

The devices support to adjust the screen brightness: LINSN, DBSTAR, MOONCELL, SANSI, NOVASTAR

4.1.2 Brightness

Four control types are provided to adjust the brightness.

Manual:

🐞 LED - led *	
File Edit	
New File 🚵 Open File 🔚 Save File 🌒 Update Configuration 🐙 Export	
Control Type: Manual	
Brightness:	

Drag the scroll bar to configure the brightness.

Period:

🐌 LED - led *			
File Edit			
New File Device Bright	<u>Open File</u> 🔒 <u>S</u> ave File tness	췋 Update Configu	ation 🖓 Export
Control Type:	Period	•	
Start Time:	0:00:00	Time	Brightness
Stop Time:	0:00:00		
Brightness:			
Append	Delete Item		

On the basis of manual, you could append any period to configure the brightness.



E.g. brighter in the morning and darker at night.



Sensor Type: KM-S10, KM-S15, LINSN, SANSI. Configure different brightness according to the ambient collected by the sensor.



5. Player

The PVPlayer is used to display the media info in PVSystem, it is installed to play the content package on time. It can stably for a long time and need no one to operate. It will get the update info from the Web Server automatically and send feedback.

5.1 PVPlayer Options (for Microsoft Window)



on the desk to launch the options.

Install the PVPlayer, double click the shortcut icon

If the "Window Position" is unchecked, the PVPlayer launched with full screen. Customize Data Path default to system path while it's blank.

PVPlayer Option	IS				٢
General					
🔲 Launch appli	ication on syst	em startuj	p.		
Window Pos	ition: Left:	0	Top:	0	
	Width:	500	Height:	300	
🔲 Window stay	on top.				
Hide window	s status bar.				
Customize D	ata Path:			e e	
Server URL:	http://pvmana	ager.kazovi	sion.com		
Language:	English			•	
		Sa	ave	<u>C</u> lose	J

5.2 Interface and Configure

While the player connected to the internet, it will communicate with the Web Server and register it.

5.2.1 PVPlayer Configuration



Press F2 in the playing interface turns to the configuration menu.



Input the password to the main menu interface. (Default password is blank)



10 options in this menu, just input its number and press Enter.

5.2.2 Shortcut to Playing

The PVPlayer provides three shortcuts to control the contents.

- (1) F5: Forward to next item
- (2) F6: Pause display
- (3) F7: Resume display

5.3 Events Log

Press F4 to open/close the "Events Log" menu.



Sensor:	×*	Powe	r:	×*	Led:	×* .	Network:	\bigcirc	2015-08-19	18:13:15
2015-08-19	17:43:12.8	10 []	INFO	pyprApplic:	ation - Ini	tializing	dvnamic content.			
2015-08-19	17:43:12.8	10 []	WARN	pyprDynami	Content -	Configure	file not exists.			
2015-08-19	17:43:12.9	19 []	INFO	pvprApplic:	ation - Ini	tializing	logo			
2015-08-19	17:43:12.9	19 []	WARN	pvprLogo -	Configure	file not e	exists.			
2015-08-19	17:43:13.0	28 []	INFO	pvprApplic:	ation - Ini	tializing	volume			
2015-08-19	17:43:13.0	28 []	WARN	pvprVolume	- Configur	e file not	t exists.			
2015-08-19	17:43:13.1	37 []	INFO	pvprApplic:	ation - Ini	tializing	network			
2015-08-19	17:43:13.1	37 []	WARN	pvprNetworl	k - Configu	re file no	ot exists.			E
2015-08-19	17:43:13.2	46 []	INFO	pvprApplic:	ation - Ini	tializing	shut down			
2015-08-19	17:43:13.2	46 []	WARN	pvprShutdo	wn - Config	ure file r	not exists.			
2015-08-19	17:43:13.3	56 []	INFO	pvprApplic:	ation - Ini	tializing	timing			
2015-08-19	17:43:13.3	56 []	WARN	pvprTiming	- Configur	e file not	t exists.			
2015-08-19	17:43:13.4	65 []	INFO	pvprApplic:	ation - Ini	tializing	device			
2015-08-19	17:43:13.4	65 []	WARN	pvprSensorl	DeviceContr	oller - Co	onfigure file no	t exists.		
2015-08-19	17:43:13.4	65 []	WARN	pvprPowerD	eviceContro	ller - Cor	afigure file not	exists.		
2015-08-19	17:43:13.4	.65 []	WARN	pvprLedDev:	iceControll	er - Confi	igure file not e	xists.		
2015-08-19	17:43:13.5	74 []	INFO	pvprApplic:	ation - Ini	tializing	touch screen			
2015-08-19	17:43:13.5	74 []	WARN	pvprTouchS	creen - Con	figure fil	le not exists.			
2015-08-19	17:43:13.6	83 []	INFO	pvprApplic:	ation - Ini	tializing	options			
2015-08-19	17:43:13.7	92 []	INFO	pvprApplic:	ation - Ini	tializing	external control	1		
2015-08-19	17:43:13.9	02 []	INFO	pvprApplic:	ation - Ini	tialize				
2015-08-19	17:43:15.4	88 [p	vprDe	viceManager(Communicate	Thread] II	WFO pvprDeviceMa	nagerCommur	nicateThread -	-
Device man	ager connec	ted.								-

The marks next to the "Sensor:", "Power:", "Led:", "Network:" display the connection status of them.

Events Log updates every 30 seconds.

Red indicates an error message. Brown indicates a warning message. Green indicates the correct information.

5.4 Install Linux System

Boot the PC entering the BIOS menu, set the First Boot to CD-ROM.

Insert the system installation disk and reboot the PC.

According to the notice, install the system with a few operations.



	Language							
Amharic	Gaeilge	Malayalam	Thai					
Arabic	Galego	Marathi	Tagalog					
Asturianu	Gujarati	Nepali	Türkçe					
Беларуская	עברית	Nederlands	Українська					
Български	Hindi	Norsk bokmål	Tiếng Việt					
Bengali	Hrvatski	Norsk nynorsk	中文(简体)					
Bosanski	Magyar	Punjabi(Gurmukhi)	中文(繁體)					
Català	Bahasa Indonesia	Polski						
Čeština	Íslenska	Português do Brasil						
Dansk	Italiano	Português						
Deutsch	日本語	Română						
Dzongkha	ქართული	Русский						
Ελληνικά	Қазақ	Sámegillii						
English	Khmer	ເ ພິ∘ກ⊚						
Esperanto	ಕನ್ನಡ	Slovenčina						
Español	한국어	Slovenščina						
Eesti	Kurdî	Shqip						
Euskara	Lao	Српски						
ىسراف	Lietuviškai	Svenska						
Suomi	Latviski	Tamil						
Français	Македонски	ຜ້ຍາກາ						
lp F2 Language F3	3 Keymap F4 Modes	F5 Accessibility F6 O	ther Options					



Install Ubuntu

Check disc for defects Test memory Boot from first hard disk Rescue a broken system

F1 Help F2 Language F3 Keymap F4 Modes F5 Accessibility F6 Other Options



Kazo Vision
WEB: http://www.kazovision.com
MAIL: sales@kazovision.com



When it is finished, the PVPlayer will be launched with full screen on system startup.









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