

# Picture Sign 3



## 1.Overview

Picture Sign 3 (hereafter referred to as PS3) is a powerful comprehensive application system, developed by Comsight recently. They can play video, animation, picture, text and etc, combining static or dynamic display to attract more eyes. PS3 is widely used for different applications, such as shopping mall, plaza park, building, station, port, airport, street and etc.

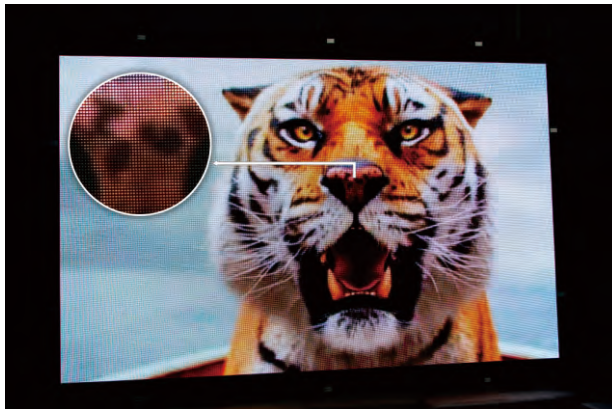
Clear picture bring you enjoyment of pleasure; Stable performance dispense you troublesome of maintenance.



## 1.Features

### Industrial Design, High Reliability

PS3 adapt industrial CPU chip and WinCE system, collocated with industrial main board, safe and reliable. The excellent performance enable for harsh weather and non-stop work for 7x24 hours.

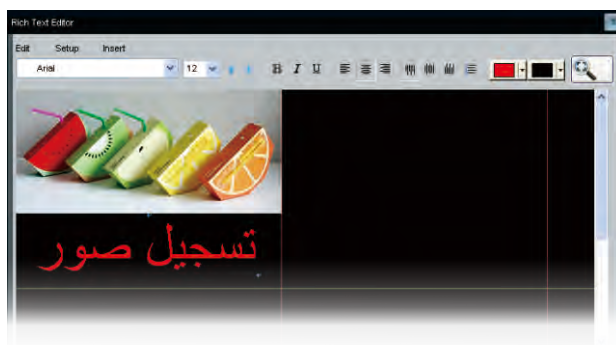
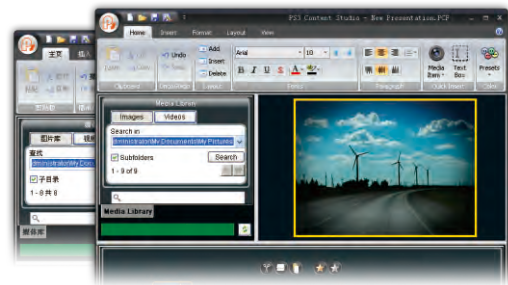


### Rich Color, Clear Image

4.4trillion color, high 2000Hz refresh rate (optional), bring you nature, clear and smooth visual pleasure.

### Professional Management Software

Multi-lingual software interface adapted for customers from different languages; What you see what you get, simple and convenient for operation. Don't need too much training, customers are able to pick up quickly, and achieve unlimited creativity easily.



### Powerful Text Editor

Powerful text editor support a variety of languages, especially for complex languages such as Arabic. Support integrating text and graphics.

### Diversified Zones Programming

Support kinds of layout and display methods, to catches the eyes of your target audience with sharp images and brilliant animations.

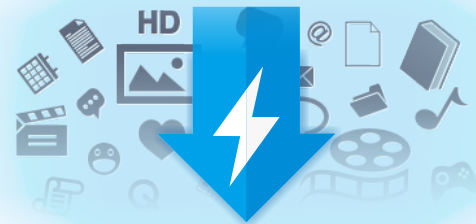


### Large Memory Capacity

Industrial SD Card default 8GB (32GB optional), store approx. 15000pcs of 400KB pictures.

### Fast Transmitting Speed

Support 100M network communication, only takes 8 minutes to download 1GB file.

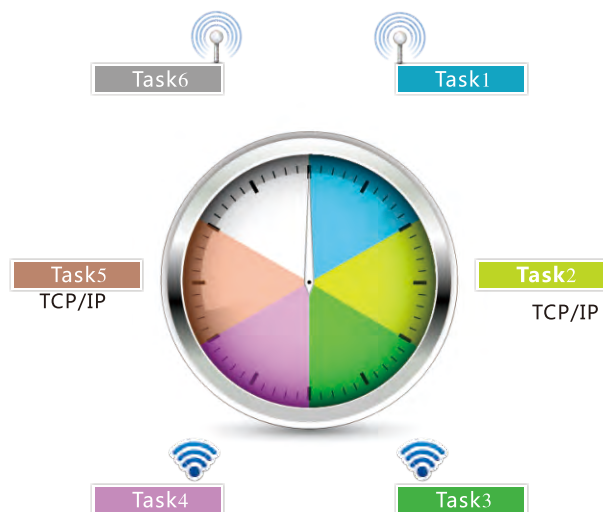


### Scheduled Playlist

Support up to 100 schedules. When and what playlist to display, up to you!

### Multiple Connectivity, Easy Management

Support TCP/IP, WiFi, 3G connectivity, and remote control. No matter how far it is, it is easy to implement the unattended management.





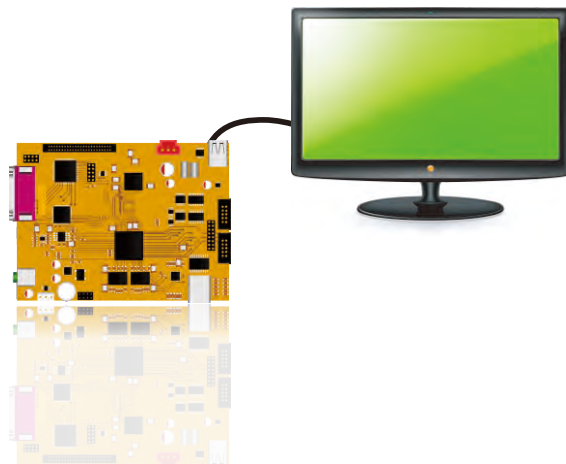
Automatic Manual Timely

## Energy Conservation and Environment Protection, Away from Light Pollution

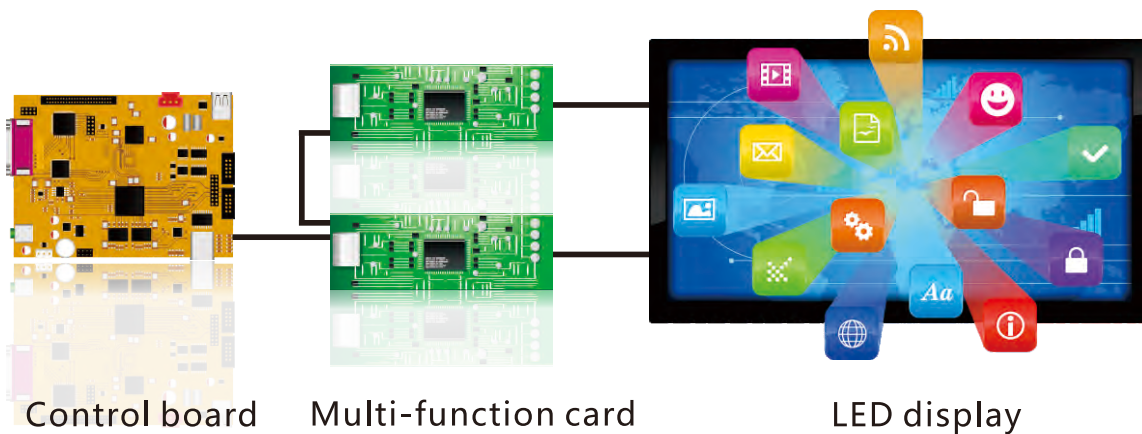
Support several brightness control: Automatic, manual and timely. Flexible dimming control to keep the LED display in optimal brightness display.

## Easiest Maintenance

Light product, simple system, no need of computer and transmitter card. The main controller board can connect with monitor directly, easy for debug and test.



## 3. System Composing



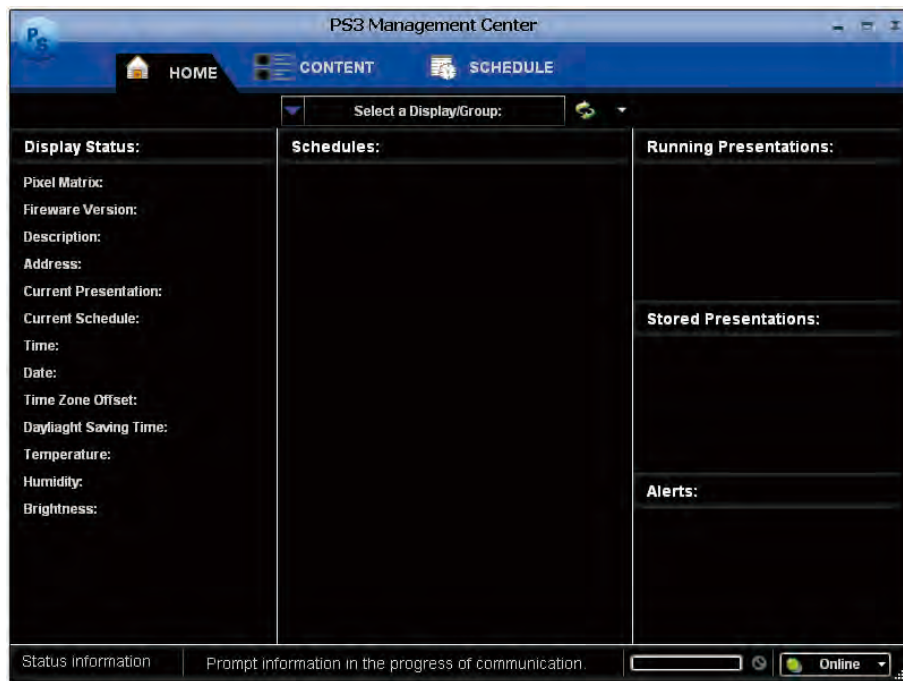
## 4. Specifications

Item	Parameters
PC Software	Comsight PS3 Management Center
Max.resolution	H320×W240pixels or H240×W320pixels
CPU	Cortex-A8 single-core 800MHz
Memory Retention	SD Card default 4GB, up to 32GB available
Refresh Ratio	>480Hz; >2000Hz(PWM)
Color Depth	14bit/ color
Driver mode	Static, 1/4 duty, 1/8 duty, 1/16 duty
Dimming Control	16 levels-automatic/manual/timely
Out-of-control Pixel	≤0.1‰
Controlling method with PC	Asynchronously
Connectivity	TCP/IP(LAN) default, 3G, WiFi
Video Type	avi,mpg,mpeg,asf,wmv,gif,mov,mp4,flv,rm,rmvb
Picture Type	bmp,jpg,png,jpeg,gif,wmf,ico,tif
Fonts	All fonts in Windows(R) system
Memory Interface	SD card port
Sensor port	Temperature, humidity sensor , light sensor port
Power Input	110V AC or 220V AC, 50/60 Hz
Working Temperature	Outdoor: -20°C to +50°C; Indoor: -10°C to +40°C
Working Humidity	10%~95%RH

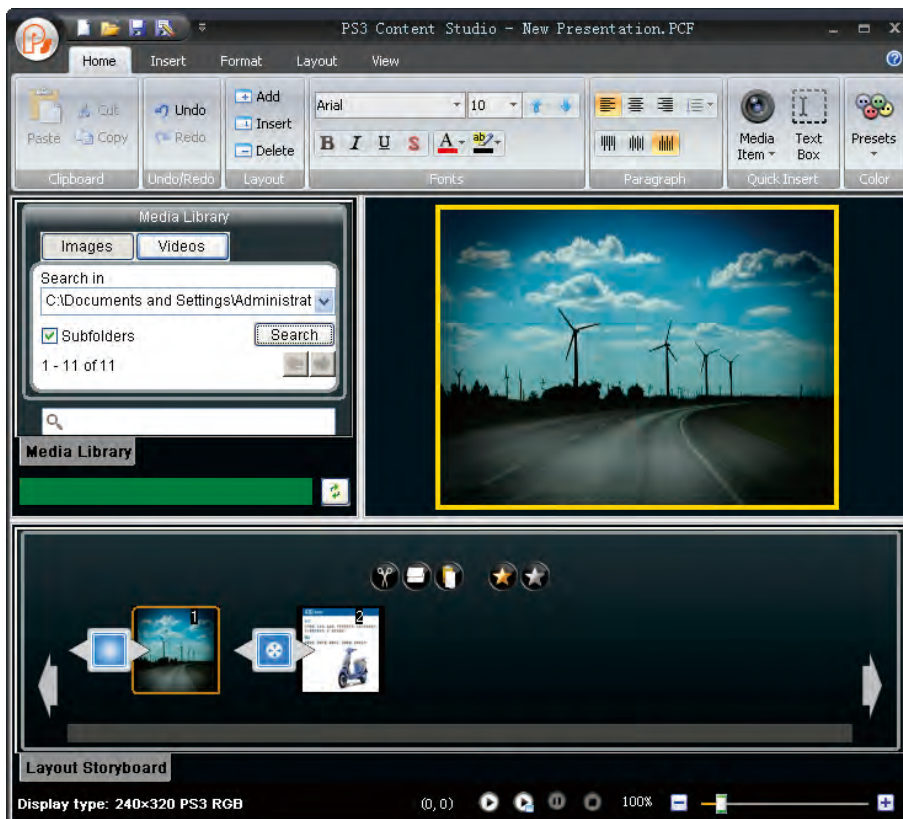


## 5. Software Overview

### 5.1 Software Interface of PS3 Management Center



### Main Software Interface



### Content Studio-Program Editing Interface

## 5. Software Overview

### 5.2 Introduction of PS3 Management Center

PS3 Management Center is powerful and user-friendly editing and playback software, which is specifically developed for our Picture Sign 3 system.

Support multiple file types:

Text file (built-in rich text editor);

Picture type: bmp, jpg, jpeg, png, gif, vmf, ico, tif

Animation type: gif

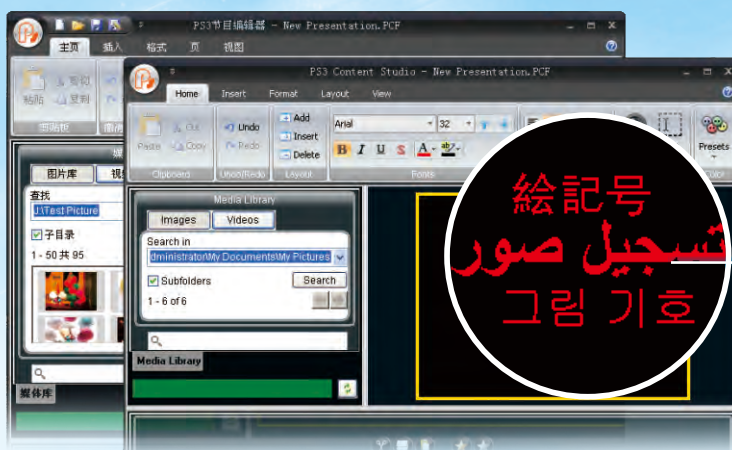
Video type: avi, mpg, mpeg, asf, wmv, mov, mp4, flv, rm, rmvb .



### 5.3 Main Functions of PS3 Management Center

#### Multi-lingual software interface

Support multi-lingual software interface, perfectly support text editing for complicated languages, such as Arabic, Russian, and Japanese and etc.

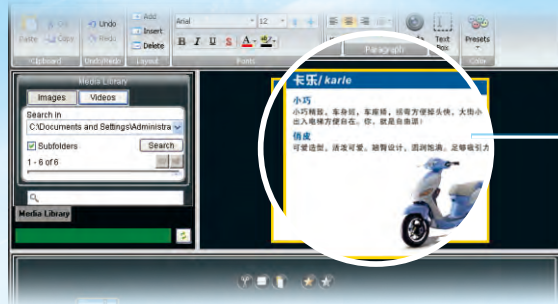


Perfectly support complicated languages such as Arabic, Russian, and Japanese and etc.



## Integrating text and graphics to realize excellent performance

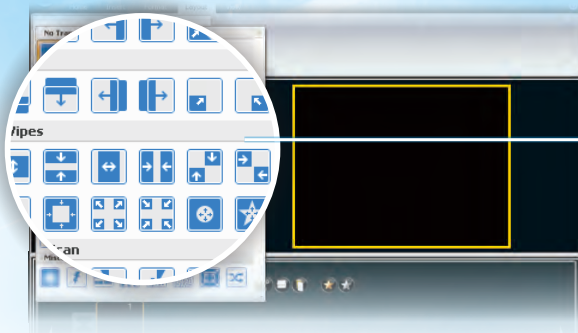
Powerful text editor support a variety of layout, integrating text in different languages and graphics freely to realize optimal performance.



Support layout of integrating text and graphics.

## 46 moving methods

Picture Sign 3 offers up to 46 moving methods, to help users create dynamic playback effect and greatly attract the attention of the audience.



46 moving methods

## Rich schedule content

Text, picture, animation, video, temperature, humidity, digital clock....  
Ps3 product can show all contents above.



Rich schedule content

## Diversified zones programming

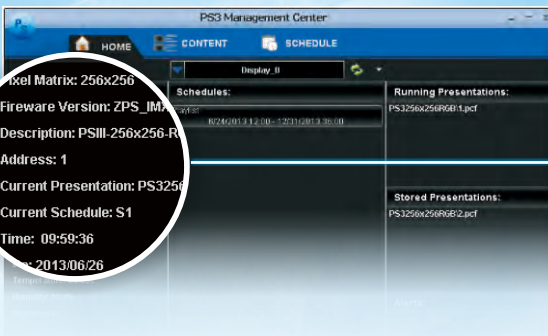
The same screen can be divided into multiple zones arbitrarily and stacked each other freely. The content of each zone will display independently, without interference.



Support diversified zones programming

## Remote management

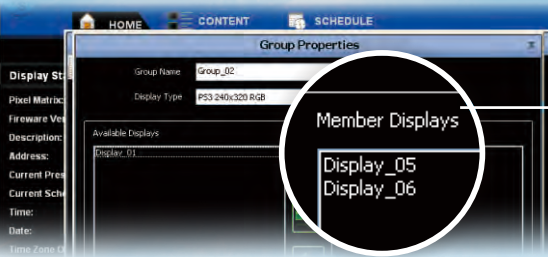
Remotely configure and check up sign information  
Remotely upload play content



Support to read back the terminal information, to help users manage screen terminal easily.

## Terminal group management

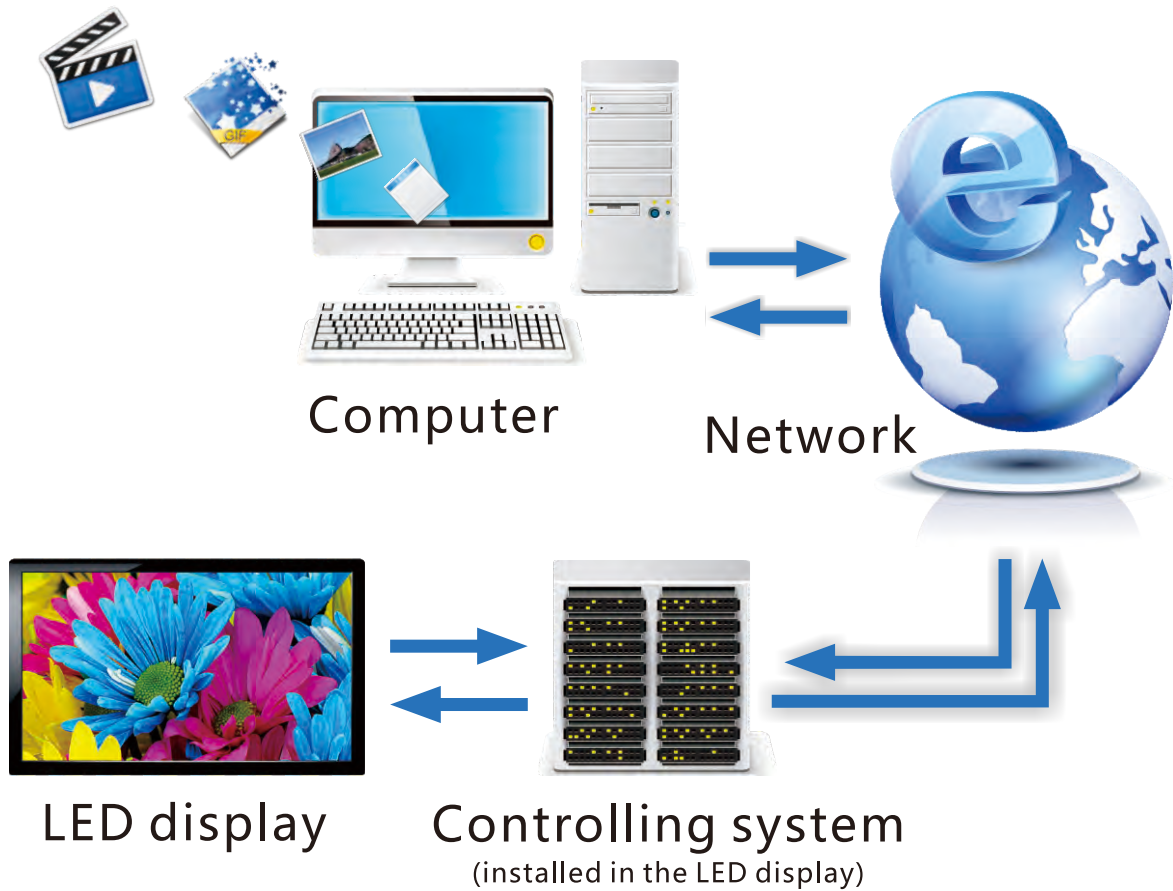
Picture Sign 3 software can manage the terminal screens separately or by group.



Terminal group management

Support to display information of editing scroll bar conveniently

## 6. Picture Sign Solution



### Advantages:

1. User-friendly software interface, what you see is what you get.
2. Easy construction and operation, short training time
3. System can be upgraded easily through network (LAN).

Over 18 years experience and strong R&D team, Comsight can offer you the optimum solutions according to your request and actual applications. Based on Picture Sign 3 platform, you also can custom your own software to create your quality LED displays.

## 7. Project



