

ARM4510-TK

Ver3.0

**Asynchronous LED display for  
controller**

VisionShow

**Software Manual**

You are welcome to use ARM4510-TK LED display asynchronous network control system in the next time you will feel powerful features

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# Chapter I basic knowledge

## Vision Show Profile

Is an application of the latest technology designed LED asynchronous communication control software; It ended only in the past only display the operation of computer operating history. By setting and auxiliary equipment you can in any place (not limited locations) at any time (not time) that you need to control. And a very high reliability and security.

With computer technology to simultaneously monitor the progress of the effect getting better and better. Compared with asynchronous control screen, asynchronous communication screen control the effect of the growing gap. That is because the computer's progress led to the development of high-level language computer on a computer programming much more simple controls and objects can choose; Microsoft's OLE technology can let you do not have to understand the details of targets and direct use. Relatively non-PC type of equipment and tools related to the design of development has been slow. Asynchronous communication so as to create a screen of inherent weaknesses. The same function in sync on a computer screen is easy to achieve, but in non-computer equipment to achieve not too many people and the need to have more time and broader knowledge level. Like someone with a lighter to smoke a cigarette lighter; Another Drilling wood from fire the same.

Many of the reasons why the market can now screen simultaneously with the effect of a change of asynchronous control of the rare cards.

Internet penetration in many parts of the integrated wiring have been completed when we need to repeat the installation of wiring can be achieved.

ARM4510-TK is the emergence of the end of the current situation of the network applications for the display paved the way. The form of multi-tasking and its mode of operation simultaneously screen the gap between the very small change (not only Gray) is also available in certain areas beyond.

## History

VisionShow3.0, the predecessor to LEDPLAY1.0; LEDPLAY1.0 multi-task to achieve a form of multi-function at the time of the operation or stand-alone operation. Later, according to the customer need to

increase the networking capabilities; management at the same time have 128 screens operational capacity and raised the concept of LED application management. In order to meet customized customer (customer) demand for Supervision introduced the band with the support of 256 full-color gray with the CF card storage capabilities of the other products. Based on China's domestic market and the status of the current market demand and the development of our design LEDPLAY2.0 with ARM4510-TK1.0 version in China's domestic sales. As customers demand continuous improvement and the increase of new features. The operating system upgrade from 16 bit to 32 bit when introduced VisionShow3.8. With the first 32 bit of the asynchronous control card use.

## Recognizing Vision Show

VisionShow3.8 is the latest version currently is a green-free to install software. Compatible with the Windows environment, you can design Windows98 OS2 (second edition) of Windows after the installation and use. Including Win98os2 / ME/2000/NT/XP, such as multiple versions.

Different versions of the software include at least the following documents: (smallest)

**VisionShow.exe** Main program file

**Interface.dll** Mock demonstration of the DLL

Only two documents on display to be completed basic editing and management.

There are different versions of the other documents: (including but not limited to)

**Tqips.txt** Posts with documents Used to display company information.

**SoftScanFont.Dat** Character file; Within the code for the simulated target demo.

**Param.ini** The software's configuration files;  
Can be generated automatically.

**\*.pam** Control Board set up the backup files,  
according to the type of screen there may be multiple.

**\*.spj** The project set up backup files; principle that  
there is only one.

**\*.fmt** Can edit it and send the display shows;

# Vision Show operating environment

As a standard Windows interface on the rules of the four-part

## **Part of the menu**

The vast majority of procedures function in the menu can be found.

## **Part of shortcut button**

Often need to use the menu item we can quickly find the button.

## **Showing objects and attributes part of the list**

All the editorial operations are reflected in the display objects and attributes list. You can modify the same attributes can edit and display a more precise target.

## **Editor of the screen**

Your editor of the editorial operation of the display can be seen from some of the show.

## **System state**

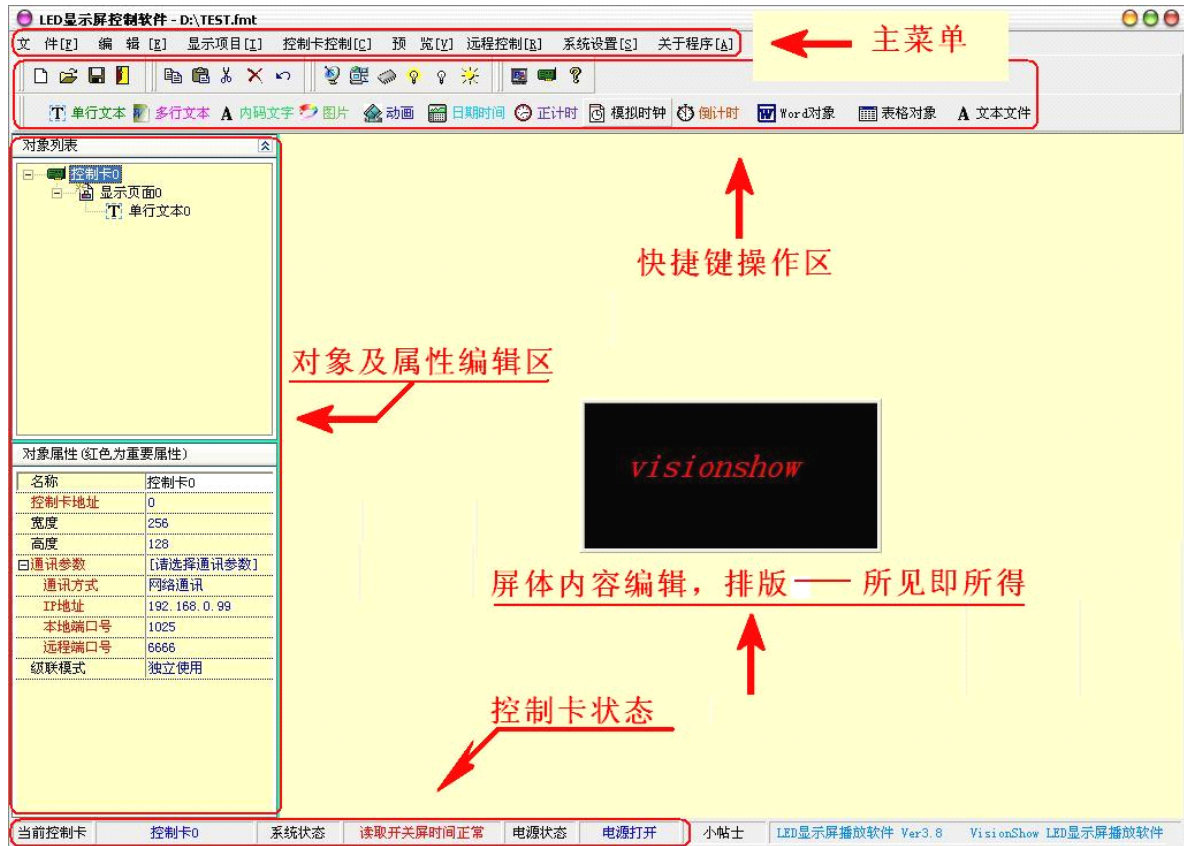
The current system of state suggested that both appear in the status bar. Through the status bar of the current system you can have a fully operational status in the know:

Power-on password:

In order to protect the safety and displays do not understand people not to be arbitrarily operation; software running when the need to enter a password, the default password is 88888888; you can set up the system - under the system set up in order to amend.

Open software you can see a map of the main program window interface.

## Main window



You can adjust your screen size of the adjustment Blue Line; will target list and object properties to form the appropriate size adjustment; screen editing area will be automatically adjusted to the center position.

## Menu note

System provides a menu of software and the interactive interface; operation can be achieved through the menu we expect the editorial effect of this menu with the following characteristics:

Shortcuts choice :

Shortcuts Instructions :

Keys to instructions :

Direct menu to select the features:

We plan the following documents menu as an example:

Shortcuts:

The use of AIT + F keys can open the file menu; menu and then click open the S key to preserving the existing edit the document.

Shortcut button

New menu items displayed on the left of the icon that exists icon of speed button on the menu shortcut button and select the functions of the same.

**Button choice**

New menu items displayed on the left of the Ctrl + N keys for quick choices you can directly operate the Ctrl + N keyboard can direct the implementation of new features.

The menu item will be crossed out on the different functions of a group of different types of functions separated by dashes. Easy to understand.

**file menu**

The document on display: We are familiar with the new, open, save, save and exit procedures for the option.

Below for the most recently edited the list of files. Can save the last two edited the paper, if you need to open then choose the file.



**Edit menu**

Provides a object operation to function in accordance with the current object of different menu options can be used not the same.

**when you choose controlcard:**

Increase the control card and increase display pages can be used.

**At present in document there are more than a control card:**

Delete the current controlcard can use

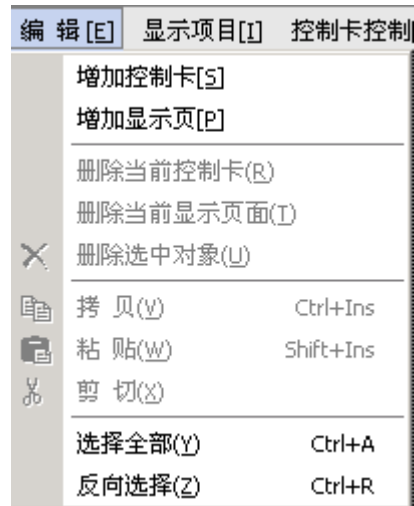
**At present documents in more than a display page:**

Delete the current show can use the pages

**When you choose to display the object:**

Delete the object of the show can use

**When you select the display object:**



Copy, cut can use the function

### When you have a copy, cut the object:

Can use the paste function.

**You can choose the full select on menu and select areverse choose to convenient display objects.**

## display item

Show that all items included on the screen can be placed, can display objects.

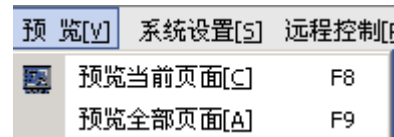
Divided into categories for character, images and animation, timing of the three categories.

When you select the menu display objects, the display area will edit a corresponding default parameters with the display objects. across set by the attributes you need to achieve the effect.



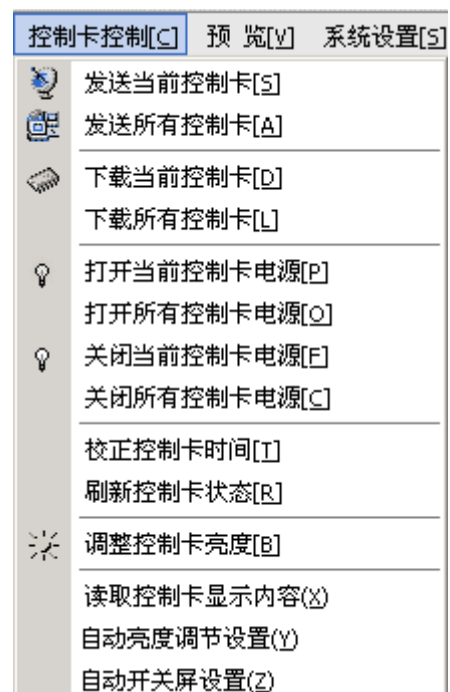
## preview

In the actual operation of the display is not aware of the need to see or edit after the display; you can preview menu; directly on the screen to see the effect. Upon completion of the editorial pages can preview all pages on the show time to do a final adjustment.



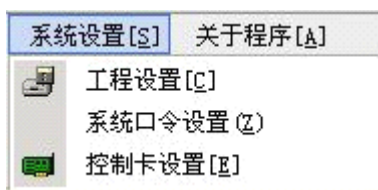
## Controlcard control

ControlCard control menu on the screen can provide the control like the content of the release, the screen switches, the adjustment of brightness, the correction of time in this menu.



## System setup

The display of set up the system settings will work of

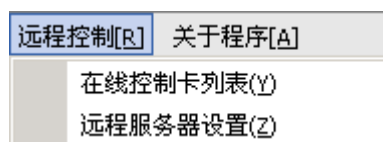


the hardware settings and projects; need to support passwords. Improper be unable to display the serious cases will cause

damage to the screen. Do not recommend that you artificial this menu of content. If you do need to please you and manufacturers; phone manufacturers in support of the revision. Unauthorized modification to the system set up the damage caused to the screen is not within the scope of the warranty, you may need to pay maintenance costs alone.

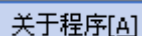
## remote control

When a customer's network relatively large screen installed in a different network segment, or the use of wireless transmission work the way. You may need to set up a remote server. Remote server settings is relatively simple, but set the specific numerical network administrators need to design, identify and provide. Incorrect settings will not be able to connect the wrong result



## About program

This menu to display the LOGO picture about manufacturers, software version information and other content.



## Shortcut toolbar

Quick Toolbar is the purpose of the rapid implementation of some common order, without the need to edit menu choices can improve the efficiency.



Will remain in the fast mouse button there will be a brief description of the function.

According to different functions from the menu, select the shortcut feature divided into four groups.

### File management



For the establishment of the new editor of the paper equivalent to the **file - new** features.



Open editor for the paper equivalent to the menu **file - Open** function.



Save editor for the paper equivalent to the menu **file - saving**.



This procedure to exit from the same menu in the **file - exit** from functions.

### Object edit



Copies of the selected object. The editorial equivalent to the **edit - copy** function.



Paste the selected object. The editorial equivalent to the **edit - paste** functions.



cut the selected object. The editorial equivalent to the **edit - cut** function.



Delete the selected object. Equivalent to the menu **edit - del** the function of selected targets.



select all the object of the current page editor of the **edit - all select**.

### Display screen control



Send the current display. Equivalent to the menu control of the **controlcard - send** the control card function.



Send all the displays. Equivalent to the menu control of the **controlcard - send all** the control card function.



Download the current display. Equivalent to the menu **controlcard - Download** the current control card function.



Open display power. Equivalent to the menu **controlcard - power on the controlcard** function.



Close display power. Equivalent to the menu **controlcard - power off** controlcard.



The current screen brightness adjustment. Equivalent to the menu **controlcard - brightness adjustment** function.

### Demonstrate and setup



Preview the current page. Equivalent to a **preview - preview** feature



Control Board set up the same menu **system settings - controlcard** capabilities.



On the procedures for quick button on the menu or procedures.

## Object select board

Choose board of the target can be displayed on the screen. The standard version of the software contains the following objects.



Placing a single line object equivalent to the text of the **display menu item - a single line of text**



Placed more than one lines of text objects equivalent to the **menu items - multilines of text**



Placing an inside code object of the show the **menu items - inside Code**



Placing a picture of the object show the **menu items - picture**



Placing an animated objects equivalent to the **menu items - the animation**



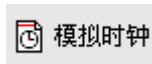
Placing a menu at the same time object of **menu items - date**



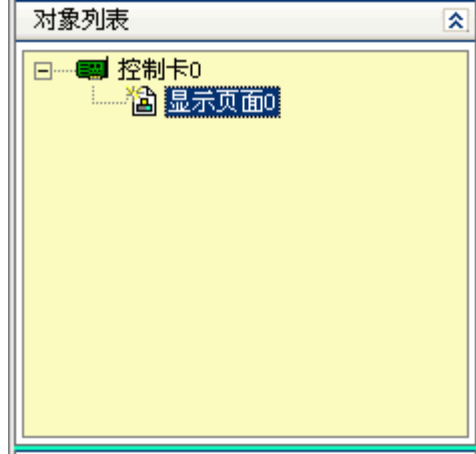
Placing a time object is equivalent to the **menu items - time**



Placing a countdown object equivalent to the **menu items - the countdown**



At a simulated target equivalent to the clock display **menu items - Simulation clock**



## Object List

Object list allows you to edit the use of the object has a clear classification. You can see the list of targets in the structured order. You edit the display area, select object list box will do the appropriate changes. Clearly indicates that the current operation object's name. Attribute list box will show the corresponding object's properties.

Regional Editor for the complex objects may be displayed in multi-storey stack. Directly using the mouse to select or destroy the current needs of the editorial results. You can select the object list after modifying object's properties can be convenient to modify, delete and other operations.

Different objects have different names, the same object will be named in the order 0,1,2,3, you can easily distinguish between different targets.

## Attribute Editor

Attribute list box shows the object's properties; attributes can be changed through the revision of the target, size, content definition of objects such as the time and act to meet the needs of effect.

The number of different objects of different attributes of these important attributes for the red part. Through the revision of the important attributes of objects can be correct.

Shows that the editorial content is by changing the object's properties to complete.

Whether you through the keyboard, mouse operation. The end result will change the attributes of the objects reflect.

对象属性 (红色为重要属性)	
名称	控制卡0
控制卡地址	0
宽度	512
高度	256
<input type="checkbox"/> 通讯参数	[请选择通讯参数]
通讯方式	网络通讯
IP地址	192.168.0.99
本地端口号	1025
远程端口号	6666

## Regional Editor

Editing area is a 1:1 screen and the actual installation of the editor, editor in your area of the display objects will be placed in the appropriate position display screen.

You can edit in the area through the movement of the mouse, drag to quickly show the layout of the target location. Properties can edit through adjusting the precise location of the object, you can select more than one object to modify their shared attributes to simplify editing. Also showed that more than can be achieved if the target level, the vertical location of the alignment, and other operations.

## System Status Bar

当前控制卡	控制卡0	系统状态	读取开关屏时间正常	电源状态	电源打开
-------	------	------	-----------	------	------

System status bar can clearly see the current system status.

The control card: At present you edit the name of the control card  
System Status: reflect the current system and the connection status of the control card

Power Status: reflect the current state of display of power, control cards after the default to open if the system is not connected to the control card, this information is invalid.

# **The use of the advantages of object**

## **Easy to use**

The use of clear targets of the different media of the special characteristics will be shared characteristics of the media as a whole and you can almost identical way to use the new object; simplify the study, understanding.

## **Stable performance**

Different objects have different ways to achieve effect; With the increasingly large software; procedures for testing is increasing. Object to the use of the object in question can be quickly targeted, and will not affect other objects. Stability will not be made because the software upgrade, modify and change the vulnerability.

## **Easy to update**

With the increase in customer demand, showed that the targeted increase in the use of inheritance and the previous target of all common; increase the target of the new procedures will not affect the other parts, using downward-compatible software.

## **Easy to understand, to facilitate learning**

Makes the study of new targeted use of a simple change. Objects such as picture with only lines of text file types, you learn to use lines of text on the picture after the operation targeted only through the attributes that can be used directly compared. There is not any obstacle.

## **Some functions need to understand**

**Now we sum up the results of study:**

- ◆ **Private non-professionals do not adjust system settings.**
- ◆ **Through the software set up so that we can display automatically switches regularly.**
- ◆ **Through the software set up so that we can adjust screen brightness regularly.**

- ◆ According to the software functionality is divided into five parts as part of the menu, shortcut button, target list and attributes edit, edit the file system areas and the status bar.
- ◆ Show different content using a different target.
- ◆ Through different place to achieve the targets we need to show the contents, WYSIWYG.
- ◆ Can direct the software to manage the display.

## Chapter II display management

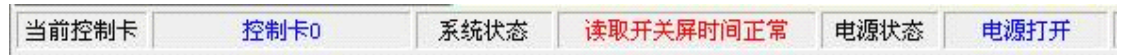
### The concept of management:

Is a display screen media, like TV the same for its eye-catching feature is the content of volatile movements will need to spread the content displayed. To extend the life we need to turn on or off screen; To conserve electricity in the environment we need to adjust brightness of light dark. To reflect the value we need to update the display content. The previous model is the personal plane fixed place all the operational needs in one place (room) or two places (there are power gates me). With the development of networks of computer networks has been universal. We can with the help of auxiliary equipment in the network connectivity anywhere (not restricted locations), any time (not restricted hours), legal (need to empower your password, IP, servers and software) control screen content.

### The default environment

- In the previous chapters on the content already familiar with.
- The operation of the computer has Windows master.
- A junior high school or higher at least have a Chinese character input method.
- Offices can use the software categories such as WORD or WPS, and so on.
- Able to understand simple computer graphics, video files and the use of View.
- We believe that you operate in this chapter on display at the function of the installation is complete and can be used normally. System Status column shows the status of

the normal  
figur



■ Set up the import and export

Display document for the suffix: PAM display manufacturers to install after the completion of the light displays the number of installation location and type of information, such as Save the display settings; will be set up on your carelessness or disturb swap network needs adjusting Modify the parameters in the control card; you can get after contact with the manufacturers set up password in the factory operating under the guidance of the changes.

The specific needs of the practice in contact with the manufacturers.

**Works with the establishment of Export**

Based on your screen display works in the number of manufacturers in the installation is completed in accordance with network connections at the time you set a good environment to the project document. Every time you start the software displays the number, type and other information are set in accordance with the document.

If you need to modify the use of project files (such as the right to use the display or use the Internet to change the location of Change), you can get after contact with the manufacturers set up password in the factory operating under the guidance of the changes.

The specific needs of the practice in contact with the manufacturers.

■ Correction screen clock

Control card in the factory before the battery is installed; time for random or after a long period of time has not allowed the. By controlling **the menu cards** under the control of the **correction control card time** to the current operation of the computer screen time correction of time if you use a screen larger than **a control card** you will need to control all the cards were corrected.

You can also target list box in the right-click the mouse, right-click menu option in the correction control card time to finish.

■ Automatically switches the display settings

Through the screen automatically switches settings; displays can be regularly open; regularly closed to simplify the use of operation.

In the control card under the control of the menu screen to open **automatically switches the display** set up under the map form.



- The system will automatically read the card set up state control, system status display for the next map, you can set:



- You need to choose the time to set the card: hours: min: sec
- Set up after the completion of the switch-screen options in front of bear check (check).
- Click to download; system status displays:



- Until the system appear as a state, that can set the right to complete the work.



- If you set the screen automatically switches to control card time at the same time correction
- If the project in the multi-block display you were set up;

● Automatic adjustment of brightness settings  
Automatically adjust screen brightness can save a lot of power, and at night the dazzling display is not soft.



Choose Control Board under the control of the menu automatically adjust brightness settings of plans to open the following form:

The display can be eight non-linear brightness adjustment. 0 for the dark for the most-seven.

Divided into 48 time period, every half an hour automatically adjust brightness. Can meet the needs of the show at the same time maximize the conservation of electricity. Lower the brightness of displays can also extend the life of LED lights delaying the decay time.

- The system will automatically read the brightness control card installed, and you see the status bar in the system:



Can be set up on.

- In time you will be set up after the end of whether or not to adjust brightness bear check (check).
- Click to download, the system status bar shows:



- Until the system status bar to show



- 可以认为设置成功，如果有多块显示屏请您依次设置。

## Send automatic use

Display functions can be automatically sent to the real-time Request Not high

environment simplified interface design, set the time interval in the next automatic update of the screen display the contents.

Currently provide fixed interval regularly updated

Choose Control Board under the control of menu items can be automatically sent set plans to open as follows form:



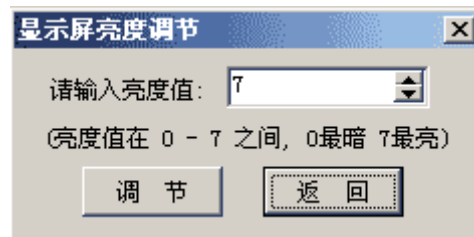
Can set a number of documents show that the rotation  
 Save menu for the preservation of the current settings; set interval  
 for the second smallest unit for 10 seconds  
 Set up after the completion of choice start  
 Click on the return of the smallest of applications can be  
 automatically sent into the state.

In automatically send mode, you call the external documents such as \*.  
 txt \*. rtf \*. bmp \*. avi, and other changes in the content of the  
 document, show that the content will automatically update.

■ Interim adjustment of brightness display

If you need to display a temporary adjustment of brightness, you can  
 choose to shortcut button can also choose to **control card control**  
 brightness adjustment control card function. Show the following form:  
 You can choose a suitable numerical adjustment button and click on  
 conditioning if you can see on the screen can understand the effect  
 of different levels of brightness.  
 This adjustment can be continuous  
 adjustment until satisfied.

Note: This feature is mainly used  
 to test brightness of the display  
 shows the effect of the impact. To be  
 automatically adjust the brightness of



a reasonable value. And the screen when the body is not closed and  
 not open automatically when the effective brightness adjustment.

After the power is switched off (the closure of the physical display of power or control system after the reduction) will restore the default brightness.

■ Remote server settings

When a customer's network relatively large screen installed in a different network segment, or the use of wireless transmission work the way. You may need to set up a remote server. Remote server settings is relatively simple, but set the specific numerical network administrators need to design, identify and provide. Incorrect settings will not be able to connect caused the error.

If you do not need Please do not set up.

By remote control under the menu item remote server settings if you can open the Right Form:

Remote server's IP or your system administrator and network management, information contact the right IP address can be filled out on; remote server port Please contact with the display



manufacturers recognized this need in the port and IP remote control display Screen control card in the set; two must be the same. Otherwise unable to connect on.

Selected automatically downloaded from a remote server card information online at Control

Select determined that this window will automatically close and disappear.

■ The introduction of remote display and control

You really need the remote control and has been properly set up a remote server and the remote control needs to do a screen set up correctly. In the form below will show:



# Chapter 3 object use and edit

## Operating base and the terminology

### **click:**

Use the left mouse button pressed in the specified location and quickly release.

### **moving:**

Use the left mouse button pressed in the specified location and maintain; use the mouse to a designated location after the release.

### **Right mouse button**

Refers to the designated target on the point after the right-mouse menu.

### **pixels**

You're using a screen resolution of the smallest units. Is that you can see the screen before a small point. Edit documents in the display screen width, height of the pixels as a unit.

### **overlap**

The control system in support of transparent, a number of objects can be in one spot, and shows the mutual influence to stack such as image and text together. And the effect of two-color three-dimensional character.

### **layer**

In a number of shows together, they stack object to a certain extent between the stacked order. We can understand the same building as a target level, has been charged up. Like you can not be one of the buildings demolished and retain the same level 2. You can not directly choose the top level across the floor below, but you can be the top of the (top) targeted by right-menu of targets will be selected at the bottom, after stacking objects -1 operations after the bottom of the object can be Choice.

## **What is object**

As with the men and women living in the target is to find the same object is to interact with the things we as a collectively.

In this process there are two object:

## **Edit object**

Used to mark, the Editor to simplify the understanding of the computer's operating elements. Such as the control card, the display pages.

## **View object**

Can be placed on display edit the region, can be displayed on the screen of the representatives of different media types of operations element is displayed objects.

## **Object and attribute**

Each object based on the number of different functions of different attributes; attributes can be changed by modifying the behaviour and performance targets. You can read as you have on the name, age, education, home addresses, work units the same.

What we have done the work regardless of the use of the mouse or keyboard, has been in the final result will be displayed, you will find that only amended the attributes of different objects.

## **Edit attribute and operate object**

Each object has its own special and unique attributes, otherwise there will be no reason, just as the great man said: In this world no two are exactly the same page as the tree; you not find two Were identical to the object! !

Everything is in order to facilitate the design of the editor, you edit the screen display area at a target, attributes form will show its attributes; your mouse through the adjustment of its size, location is actually indirectly modify its width, height And X, Y coordinates.

The show kind of object, when you click the shortcut button, select the menu, it will be on display edit the region. Then we can modify it and adjust. We need to achieve results. The editor of the type we can only object through the menu and can only be placed in the list of targets to feel their presence.

## Object used by us

### Edit object

In this type of object can only see the list of targets, can only be amended through the list of attributes, through a menu to add, delete.

Such object is to classification, and time control. You can clear the list of targets to feel the level of its role.

### controlcard

Each one can control with a display card, but not necessarily a display only a control card, which is what we call the control card display is not the reason. Is still unable to find easy-to-understand, simple way to large (more than a control card, can be up to 32 control card display) screen for simple editing and control methods. At present only in control card-level instructions. When we find a way after it has "superior".

In the majority of users can use in your card is understood to control the operation of your screen name is just not the same.

Controlcard store the display of specific parameters for clients to be most cases you do not need to change it.

Based on your screen manufacturers in the project document has a clear set, you do not need to control the parameters change cards.

But understanding is necessary:

对象属性 (红色为重要属性)	
名称	控制卡0
控制卡地址	0
宽度	512
高度	256
☐ 通讯参数	[请选择通讯参数]
通讯方式	网络通讯
IP地址	192.168.0.99
本地端口号	1025
远程端口号	6666

You can edit the name card to facilitate control of your memory

Controlcard of the physical address

Screen width (in pixels)

Display a high degree (in pixels)

You can set the parameters of communication

At present the use of means of communication (in principle, you can only use a) based on your choice below the options will be different.

## View page

Each screen can show that there are many pages; hardware is considered to be 254;

In each page you can place different objects, so rich and colorful effect.

You can set up page displays the time in units of seconds you can set from 0 to 999999999 second range.

对象属性 (红色为重要属性)	
名称	显示页面0
页面显示时间 (秒)	10

In setting the time arrived, the

control card will automatically to the next page to display;

If reached the last page, the control card will be automatically transferred to the first page to display it.

Pages of names is the order of pages 0,1,2,3 the order. Sometimes in the editorial pages may be removed and a number of editorial control card at the same time the circumstances, the pages will not name a row, even if does not affect the use of the same name. You can also set up a new page name it unique, it may be in need of Bill Gates, because he does not want the world to any other person named Bill Gates, Saddam did not even approach.

## View class object

Editor can be placed on display show the target area. The standard version of the following 12 kinds of display objects.

Show us what the object before us are familiar with the show targets a total of attributes, behind the encounter will not detail.

### Object name:

Each object has a name different types of objects have different names, the names on the order of names +0,1,2,3

对象属性 (红色为重要属性)	
名称	单行文本0
左上角X坐标	10
左上角Y坐标	26
宽度	160
高度	20

Paihao the order. You can modify to use other names, even if the same name does not affect use in the design of complex pages useful. When an order to show results, with many types of targets superimposed together, the name can understand the significance of place. Under

normal circumstances you can use the default name.

**X coordinates of the upper left corner:**

**Y coordinates of the upper left corner:**

These two attributes defined target location. Horizontal direction of the coordinates for the X, Y coordinates for the vertical direction through X, Y standard for precise positioning objects on the location. Of course, you can drag the mouse, get a quick about the location.

**Width,height**

These two attributes of the definition of the object appearance size. X width that coordinates the direction of the length. Y coordinates highly representative of the vertical direction size. In multi-tasking mechanism through the upper left corner of the target coordinates of X, Y coordinates of the upper left corner, width, height four attributes to determine the actual possession of objects the size and location.

## Singletext



Placing a single object equivalent to the text of the **display menu items - singleline text** of the single text, by definition can only display the text of his party.

**The main purpose:**

Show posters, slogans, such as advertisements.

Display a notice to inform the title.

On the screen rolling status bar information only line of text content.

**It has two important attributes:**

text:

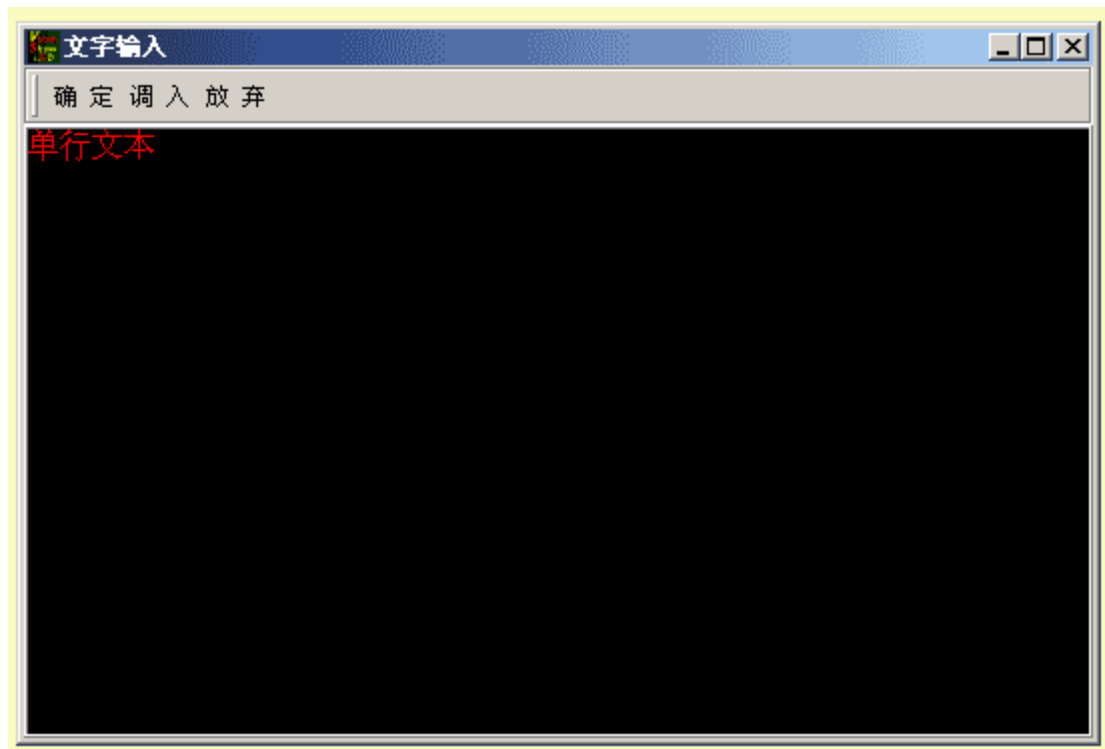
Need to show the text, by adding text attributes.

Click on the right side of the text after text will appear three small points; click small window will appear text input; you can also edit screen in the region through direct double-click on objects to achieve the same purpose.

In the editor window, enter you need to display the content. You can also edit the box into the menu to select a TXT type of text to achieve the same purpose.

Click OK to complete the text editor.

If you choose to give up, you did not edit the text reflected to the single object.



In the form of input will be wrapped without having to worry about when you choose to identify, will be automatically removed round, wrapped symbols into the text link and his party. For the largest number of restrictions in the 32,768 or 65,536 Chinese characters (in English).

#### **Font attribute**

The default font color is red, if your screen is the color; you can modify font attributes. Program will open the standard Windows print dialog. You can choose to install computers in all the fonts, font, adjusted for the size, color.

Here you need to pay attention to the display of color. If general for the red color you can only choose red, white, yellow, purple and other colors but display shows or red. You can also use the red background of a black character.

#### **Other attribute**

**The following three attributes in one-way text, lines of text, code version of the effect the same as described in this together in the back is not mentioned.**

#### **Whether or not transparent:**

The default is to appear as a transparent, transparent selection can be superimposed with any object, such as in text and picture placed on the production of the word;

When choices transparent and opaque?

The need to stack the selection of transparent effect, but if the object of stacking the color and stack objects very close to where a large number of pornographic images superimposed on the text need to select opaque, so the text will be behind the black; increased

contrast . On a relatively clear.

This means that in a transparent manner under the object itself and the contrast is too small stack objects; watch the effect of impact on the selection of opaque.

## Display type

This procedure providing a total of 18 kinds of shows:  
You can name through a clear understanding of its role and effect are as follows:

**Total 21 kinds,**  
Display memo  
Appear normal, the default results  
Left roll show  
Continuous left roller  
Rolling on display  
The middle to start from top to bottom  
Between the two sides to start  
To start around the middle  
Turn left into the  
Turn right into the  
From left to right start  
Right to left started  
Moved into the top right corner from the  
From the lower right corner into  
From the upper left corner into  
Into the bottom left corner from the  
From the downward move  
From the upward move  
Scintillation  
Scroll down from the previous  
From the upward rolling  
Under the continuous roll

### **Showing speed**

A display of the display objects have this attribute.  
Adjust the speed stunts. Divided into eight one of the eight fastest slow can be adjusted.

## Multi line text



Placed more than one lines of text objects equivalent to the **display menu items - multilines** of text

**The main purposes:**

notice, and other text content.  
It is an important attribute:

**filename:**

You can double-click on the object or attribute in the right click the file name will appear on three points, click on the text input form will appear.

对象属性 (红色为重要属性)	
名称	多行文本0
左上角X坐标	0
左上角Y坐标	0
宽度	160
高度	64
文件名	
是否透明	是
显示方式	立即显示
显示速度	一级速度
固定显示	否

This form and form similar to the singleline text; you can directly in the editor window, edit it. Or call the tail is made up as RTF rich text file.

This form and form similar to the singleline text; you can directly in the editor window, edit it. Or call the suffix is made up as RTF rich text file.

When you are done editing your choice identified. You will be prompted to save the file.

Will take you to edit the contents of the file name of a suitable saved.

Note: here is preserved in the text you enter in the form of text editing, and the screen is not edit the document. It will automatically add tail is made up RTF you do not need to complete tail is made up of direct fill in the file name it. If required, named for the test you can directly enter the word test will enter the file name box \*. RTF characters coverage. The system will automatically save it as a test. RTF.

You can also directly transferred to the existing menu will be directly transferred to the use of paper.

You can call a text file \*. TXT and rich text files \*. RTF

How to get rich text files \*. RTF?

You can use WORD edit documents need to show the document. But you need to pay attention to the following points:

- 1、 the text is not black, unless you explicitly to the use of black otherwise they will be invisible.
- 2、 can not be used for other than the object editor such as: text box, image, lines, otherwise these objects will appear in the local paper as the end.
- 3、 in the editor after the completion of the need to choose another inch (A)... menu item, select the file type in RTF format \*. rtf.

## Inside code file

### A 内码文字

Placing an inside code version of the show the same **menu items - inside Code**

Inside code text editor and one-way text of the same ways. But within the text of the Code is to control the character card. Use it to generate the documents show that only send a text of the code; document the capacity of small transmission faster.

Ordinary text must be converted to graphics format sent corresponding code for only 1/16 about singleline text of one or more small.

对象属性 (红色为重要属性)	
名称	内码文本0
左上角X坐标	0
左上角Y坐标	0
宽度	160
高度	64
文本行	[ 点击按钮编辑文字 ]
字体	16点阵字体
颜色	■ 0x000000FF
是否透明	是
显示方式	立即显示
显示速度	一级速度

But there is also inside code for its shortage of places:

Only support a font: song

Only two kinds of dot matrix size 16 (equivalent to the word on the 12th) and 24 dots (equivalent to the word on the 18th).

Code for under normal circumstances do not use only in the use of automated management software customized computer management sent when the use of wood. Of course you want to use is also possible.

InsideCode for the font you can only choose 16 dot-matrix font and font two lattice 24.

## picture

### 图片

Placing a picture of the object show the same **menu items - picture**

Only an important attribute.

File name:

You can double-click on the object or attribute in the right click the file name will appear on three points; click on the point will open the dialog.

You need to choose the image file names and locations, click can be identified.

Note: This control card for the two-color mode only shows red, green, yellow-liang, out. Forests can not be displayed to the blue sky picture. You can use the F8 key to see the picture on the screen results.

Whether zoom

The default is yes

You may call the picture than the actual show to the big or small, selective zoom automatically based on your definition of the size of the pictures automatically zoom; can show pictures of all.

If you choose whether it will:

If the small picture than the display area; spare parts will be filled with black.

If the big picture than the display area; only show images from the upper left corner of the display settings of the image size; other parts do not show.

Other attributes can refer to text object.

## animation



Placing an animated objects equivalent to the display

### menu items - the animation

Only an important attribute.

File name:

You can double-click on the object or attribute in the right click the file name will appear on three points; click on the point will open the dialog.

You need to choose the animation document the location and name, click OK to.

对象属性 (红色为重要属性)	
名称	动画0
文件名	
左上角X坐标	0
左上角Y坐标	0
宽度	128
高度	96
是否缩放	是

Note: This control card for the two-color mode only shows red, green, yellow on, out. Forests can not be displayed to the blue sky picture. You can see the F8 key animation on the screen results.

Whether zoom

The default is yes

You may call the animation than the actual show to the big or small, selective zoom automatically based on your definition of the size of the animation automatically zoom; can show that all the animation.

If you choose whether it will:

If the animation than the small display area; spare parts will be filled with black.

If the animation than the display area; show only the upper left corner from the animated show set the size of animation; other parts do not show.

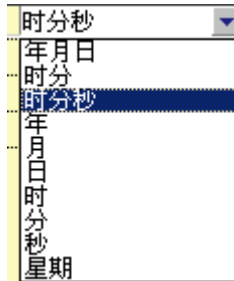
Other attributes can refer to text object.

## Date format



Placing a menu at the same time object of the **show - the date, time**

10 of display format can choose; can be placed in order to publishing more than comfortable.



对象属性 (红色为重要属性)	
名称	日期时间0
左上角X坐标	0
左上角Y坐标	0
宽度	64
高度	16
时间格式	时分秒
时差(分钟)	0
是否透明	是
字体	[ 请选择字体 ] ...

Can show to January 19, 2005 Wednesday, 10:23:58  
The time difference

Unit minutes, you can set the world can show such a negative time.

Any country can have time to time to adjust the time difference between addition and subtraction.

### Whether or not transparent

Choice is for transparent object that can be superimposed display three-dimensional character.

Can be placed in the picture above text, without affecting the picture show.

## Countdown object



Placing a countdown object equivalent to the menu items are **displayed - the countdown**

### The time format

There are more than



six kinds of display formats placed in order to publishing comfortable.

Can appear as the Spring Festival is also available from 2005 hours xx xx days xx minutes xx seconds

### Whether or not transparent

Choice is for transparent object that can be superimposed display three-dimensional character.

Can be placed in the picture above text, without affecting the picture show.

### Termination of time

Here is set to countdown the time of termination. Note format; if wrong can be deleted to reconsider.

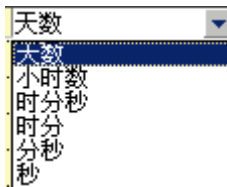
## Timing object



Placing a time target is equivalent to the **display - time**

### The time format

There are six kinds of display formats can choose; can be placed in order to publishing more than comfortable.



Can show to the United States and the international Star Studios production safety xx xx-hour days xx minutes xx seconds

对象属性 (红色为重要属性)	
名称	正计时0
左上角X坐标	0
左上角Y坐标	0
宽度	64
高度	16
时间格式	天数
是否透明	是
开始时间	2005-09-07 13:21:1
字体	[ 请选择字体 ] ...

### Whether or not transparent

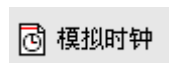
Choice is for transparent object that can be superimposed display three-dimensional character.

Can be placed in the picture above text, without affecting the picture show.

### starting of time

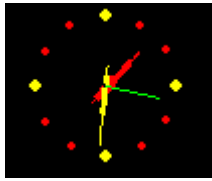
Here is set to timing the time of start. Note format; if wrong can be deleted to reconsider.

## Simulation clock



At a simulated target equivalent to the clock **display menu items - Simulation of the clock**

You can on the screen analog clock can be placed under the map results. This object can be used directly. In monochrome screen, you only need to adjust the color indicators. Relatively large screen shows the need to be adjusted when the whole point of size, weight indicators. Under normal circumstances you only need to put on display and can be adjusted to the appropriate size.



对象属性 (红色为重要属性)	
名称	模拟时钟0
左上角X坐标	0
左上角Y坐标	0
宽度	80
高度	80
整点半径	2
3, 6, 9点半径	3
小时指针颜色	<input checked="" type="checkbox"/> 0x000000FF
分钟指针颜色	<input type="checkbox"/> 0x0000FFFF
秒指针颜色	<input checked="" type="checkbox"/> 0x0000FF00
3, 6, 9点颜色	<input type="checkbox"/> 0x0000FFFF
整点颜色	<input checked="" type="checkbox"/> 0x000000FF
小时指针宽度	2
分钟指针宽度	1
是否透明	是

## Word document

# Chapter IV display the contents of control

## Preview the current page

You will be a page in the design is complete, you can choose:



Preview the current page. **Equivalent to a preview of the menu - the current page preview** feature.

**Preview**, designed to confirm your request.

## Full page preview

In your document will appear after the completion of the design, you can choose:

**Preview menu** - all pages preview function.

**Preview**, then make sure that the pages of time is appropriate.

Designed to confirm your request. Inappropriate when you return to the editing interface to adjust.

## Save

When all the editorial work is completed, you choose:



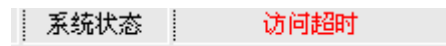
Save editor of the paper documents or **menu - saving**.

To show documents from a suitable name. Suggest that you put directory under the FMT subdirectory.

## Send

When you save a file, you see the status bar;

If it shows



Need to refresh the screen, and select the target list box **control card**, right-click the menu options:

Refresh control card status or control of the menu cards under the control of the **state refresh control card**.

**Until the normal date, if the emergence of consecutive overtime Please check the power supply, if the normal power supply; restart the computer and re-open (physical power is switched off for one minute after the opening) screen and try again if the fault still contact manufacturers Solution.**

When the normal or can be sent to:



According to display the number of options:



Send the current display. **The control or menu cards Control - sent the control card function.**



Send all the displays. **The control or menu card control - send all the control card function.**

In the system status bar will be followed by tips:

系统状态 正在读取控制卡参数

系统状态 正在发送数据

系统状态 发送完成

If this display screen in a state should be able to show that editorial content.

Note: Send will be sent to control the content stored on the memory card. If the display of physical power all of the data will be lost. 6 M but could provide the capacity. If you need to preserve the physical sent off after you use the content to download.

## Download

When you save a file, you see the status bar;

If it shows

系统状态 访问超时

Need to refresh the screen, and select the target list box **control card**, right-click the menu options:

Refresh control card status or control of the menu cards under the control of the **state refresh control card**.

**Until the normal date, if the emergence of consecutive overtime Please check the power supply, if the normal power supply; restart the computer and re-open (physical power is switched off for one minute after the opening) screen and try again if the fault still contact manufacturers Solution.**

When the normal or can be sent to:

系统状态 状态正常

系统状态 读取开关屏时间正常

According to display the number of options:



Download the current display. Equivalent to the menu control card control - **Download the current control card function**. Or control card control - **download all control card**

In the system status bar will be followed by tips:

系统状态 正在读取控制卡参数

系统状态 正在发送数据

系统状态 发送完成

If this display screen in a state should be able to show that editorial content.

Note: This feature will edit the content stored in the chip can be kept in a brown-out rate will be slower than download, and only 2 M large capacity; If the system prompts you to exceed the capacity you can:

The use of graphics-editing software will need to show the pictures directly scaling the size of the need to re-use.

Re-edit animation files (if present) for pumping color, modify Key Frame, such as reducing the number of animation size.

Re-adjustment of lines of text fonts, font and content decreases file size

Sent by way communications.

## **Advanced Application of the object**

### **Special usage of the pages time**

In some special occasions such as the duty room, and other needs in the allotted time to update; you can calculate the time converted to second fill pages. If table on duty every night to update 12:00, the time is now 3:00 p.m. will be the first time to fill out a page for the 32400  $((12-3) \times 60 \times 60)$  other pages of time to fill 86,400  $(24 \times 60 \times 60)$ . This day around 0:00 p. will automatically change.

### **The realization of three-dimensional characters**

Three-dimensional character using the same set of two different colors but the text objects will be X coordinates relative to amend the margin for the three-dimensional effect. The greater the margin three-dimensional effect of the more obvious. Such as

单行文本

## The stage for subtitles

Front with a choice of fonts can rotate the text 90 degrees on the screen put up with. Choose from the upward into the display of the left can achieve results. Choose from a downward into the display can be achieved Move right results.

Editing software for the show:

正常字体 单行文本  
带@的字体 粗细长短

There are many of the pages with special effects needed to complete such as: three-dimensional word about the beating, flying characters, such as discoloration can look at themselves in mastering the various display software and time can be compared from the unique effect.

## Chapter V technical support and services

You can lower right leg in the software tips found in the company's services and telephone contact.

Or through on the procedures for companies to find contact information.

The version of the software upgrade is in line with the completion of the hardware circuit Do not easy, non-manufacturers agree to the circumstances.

The information on software upgrades on the screen or you have special requirements such as: Wireless control that temperature and humidity, GPS time correction, and so on. Please contact directly with the manufacturers, in order to obtain the latest information.

Finally thank you for your use, if you are in use we found that there is a need to improve the local or software have also asked BUG wrong time to tell us, we will in the shortest possible time to resolve it.