

Instructions

Chapter I Installation

The folder will be copied to your computer hard drive, open the folder that corresponds to the software (the software name and the folder of the same name), the software will automatically create a shortcut to the desktop.

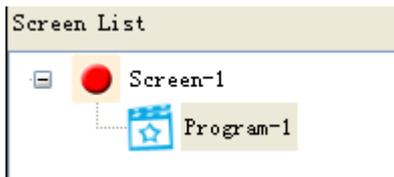
Video decoder:Full color display needs to play the video need to install this software, please go to the specific installation steps tutorial last one to see.

Chapter II Software interface description

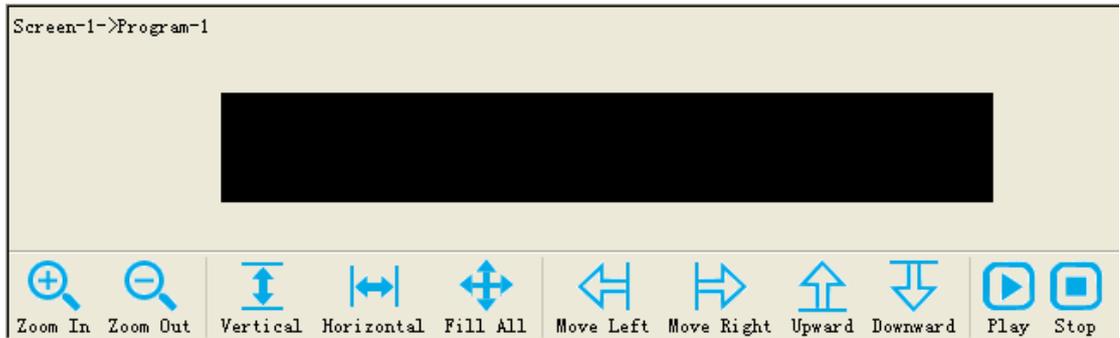
2.1 Common Functions



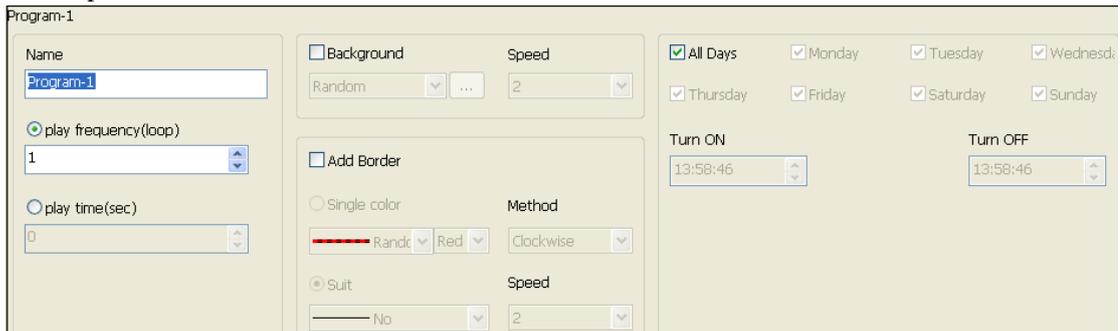
2.2 screen List



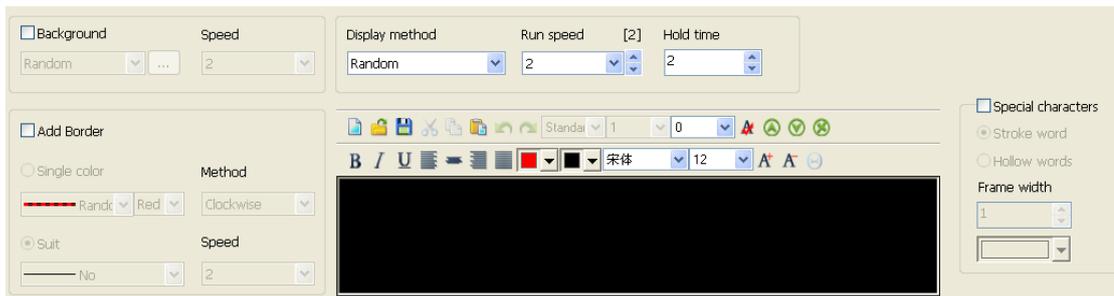
2.3 display area



2.4 Properties Area



2.5 text editing area



Chapter III Menu Introduction

3.1 File (F)

New: re-establish the display project file, Save as type to "project files (*.mcp)", The default file name is "Prjct1.mcp".

Open: Open the saved project files screen.

Save: Save the file display project is operating.

Save as: resave display project files to another location.

Exit(X):Exit the software.

3.2 Setup (S)

Screen Parameters: Set screen parameters, see Chapter IV.

Hardware reset: software generates system reset file that can be sent to the display via a wired, U disk, wireless, etc., after a system reset, the display shows the status will change to test state.

Hardware update: [similar Mobile Brush] after hardware upgrades, new features will be added or improved. Connected by cable to the product, to obtain the corresponding product upgrade file can be sent directly to the hardware. You can copy files to the U disk upgrade U disk, U disk and display control system connected to power (the product of 5V DC), the system will automatically read the upgrade file.

Smart Scan: See Chapter IV 4.7.

Lock: When using the cluster function and configure the cluster display later. To prevent accidental modification screen configuration and IP, etc., can use the cluster lock function, the use of cluster lock screen will not be able to open the configuration window, you can use if you need to modify the cluster unlock function.

Unlock:Unlocked.

3.3 program (P)

Programs: in a screen list can have multiple programs, each program under a different program elements can be added with the use of only a preview of each preview program content, the actual screen all programs broadcast in the order turns playing. [Program elements include animation, character, single-line subtitles, multiple lines of text, tables, pictures, clocks, dial, time,

temperature, and Lunar. Program elements that can be used for different products in different, specific view Product Features].

Animation: See Chapter VI 6.4.

Special font: See Chapter V 5.2.

Subtitle: See Chapter V 5.1.

Text: See Chapter V 5.1.

Table: See Chapter V 5.3.

Picture: see Chapter VI 6.5.

Time: See Chapter VI 6.6.

Dial: see Chapter VI 6.7.

Timer: See Chapter VI 6.8.

Temperature: see Chapter VI 6.9.

Lunar: See Chapter VI 6.10.

Delete: Delete the program and program elements function.

3.4 Send (T)

Send Data: see Chapter VII 7.1.

Group send: See Chapter IV 4.9.

Export data: see Chapter VII 7.2.

Set Time: Corrects control system clock, consistent with the current computer time, as described in Chapter IV 4.10.

Adjust Brightness: adjust the display brightness, one of the darkest.

Turn ON: When communication is wired, you can disable the display screen, the control card in a dormant state.

Turn OFF: When communication is a wired connection, you can display control system hibernation wake, into working condition.

Timer switch: see Chapter IV 4.11.

Set Data: Large storage control system after the upgrade requires the control system memory is formatted.

3.5 Language (L)

Language switching: The software supports Chinese, Spanish, Arabic, and designated national language.

3.6 Help (H)

About(A): Software name and icon, version.

Chapter IV set

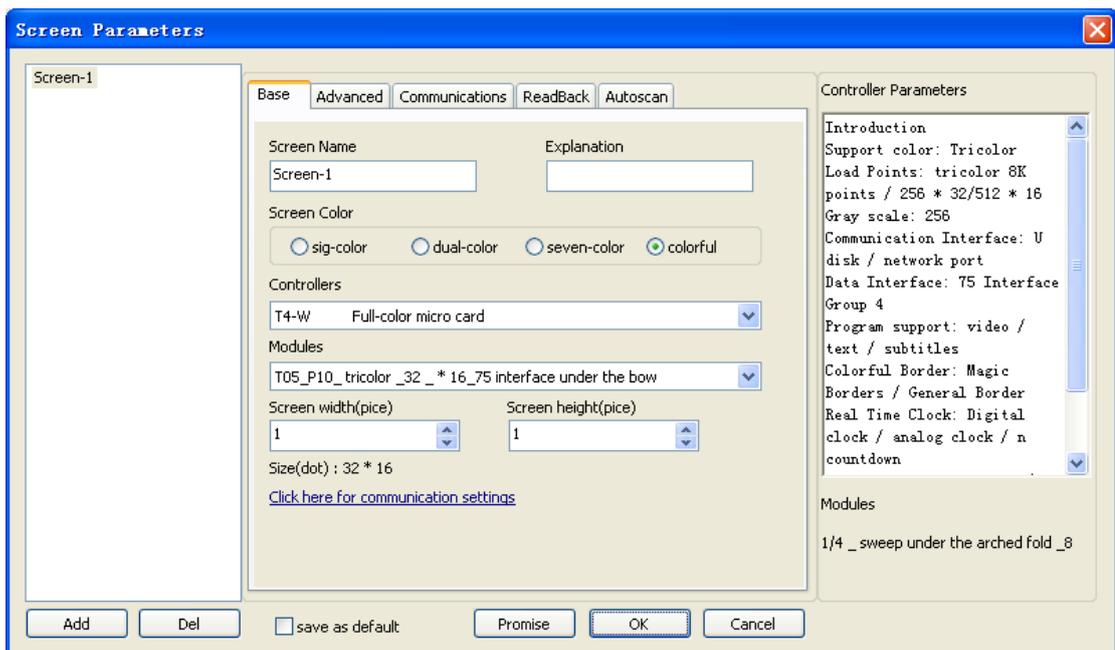
4.1 screen Add Remove



Add: Increase the number of displays, each additional screen, you need to set after click OK to add complete, you can only add a display.

Del: Delete the screen, you can delete multiple display.

4.2 Base



Screen Name: The display name can be modified as needed.

Description: The display notes.

Screen color: color screen can display, monochrome (single color: red, green, blue color, white, yellow, pink, red is the most commonly used products), color (dual-color: red, green dual color used, can be displayed red, green, yellow three colors), colorful (tricolor: can display red, green, blue, yellow, purple, blue, white, seven colors), full-color (three primary colors: 16777216 colors can be displayed for display pictures, videos).

Controllers: control card control system model see marks of different control cards can control different cell boards (modules).

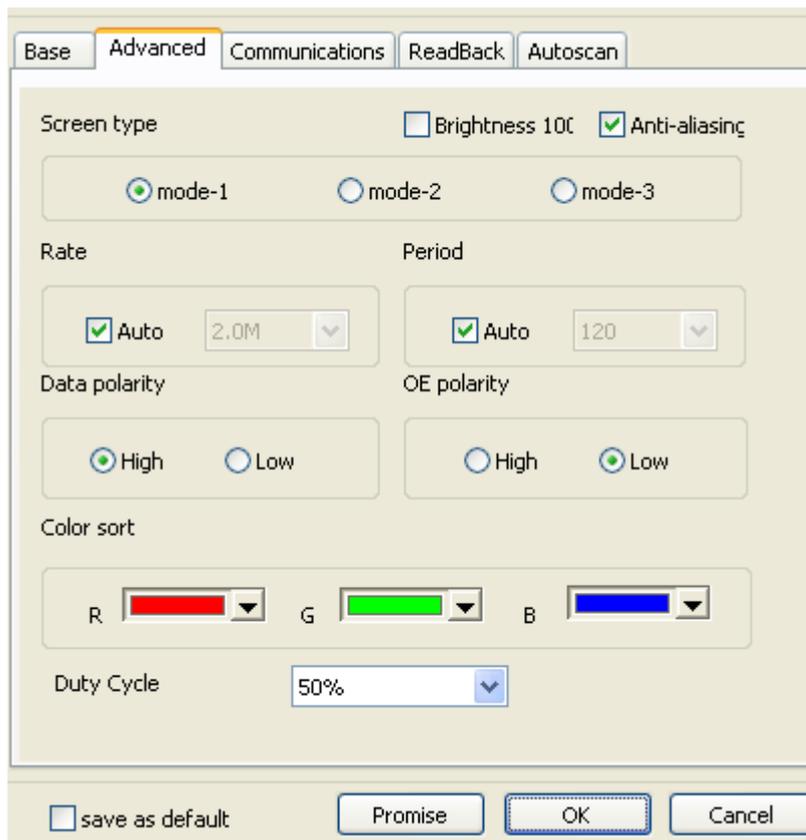
Modules: cell plate is divided into color, color, color (colorful and full color for the same unit board). Conventional cell plate 12 interfaces and 08 interfaces are single-color unit board, 75,74 for color unit board. At present, there are also 08 full-color interface P16 / P13.33 / P20 board special unit on the market.

Screen width, screen height: The number of cell board.

Dimensions (points): Set the display points.

Communication: Communication is currently selected screen settings to be used.

4.3 Advanced



Screen type: usually chosen mode 1 and mode 2 and 3 for some special unit board;

Mode 1, 138 decodes positive sequence; model 2, no 138 decodes positive sequence; Mode 3, 138 decoding, descending.

Brightness 100%: for some special P10 single red board debugging;

No jagged edges when displaying text, but the text will occur slightly tilted: anti-aliasing.

Anti-aliased text does not check the tilt happen, but the text will be jagged edge effects.

Rate: adjust the refresh rate of the control card, mainly for debugging long display; the higher clock frequency, the more stable the word go; clock frequency is smaller, longer load length.

Period: a screen refresh rate, the event screen flash, you can use this feature. (Only works on older versions of the control card)

Data Polarity: If text appears a knockout effect, adjust the data polarity resolved.

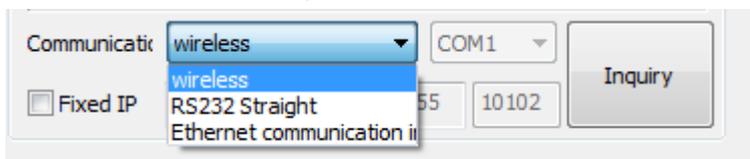
OE Polarity: If there is a virtual display bright, adjustable OE polarity to resolve.

Color Sort: When using color or color display, text color and text color appears on the display does not comply, you can use color sorting.

For example: text input is green, the display is blue, blue is adjustable G, B is green, then the reality is normal.

Duty Cycle: When the display screen flash point when the tail appears, adjust the duty cycle to solve this problem.

4.4 Communication Settings

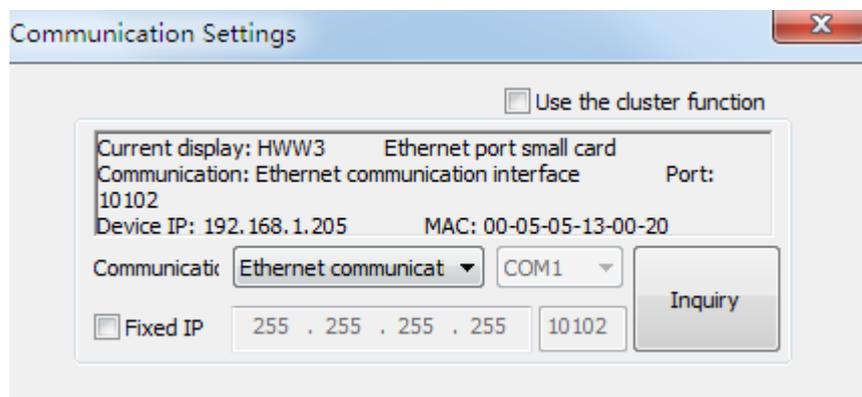


USB mobile hard disk: U disk transfer content, you can ignore this step setting

Wireless: PC link control card by wireless

RS232 Straight: 2-2,3-3,5-5 straight line, select the port detection can confirm the connection.

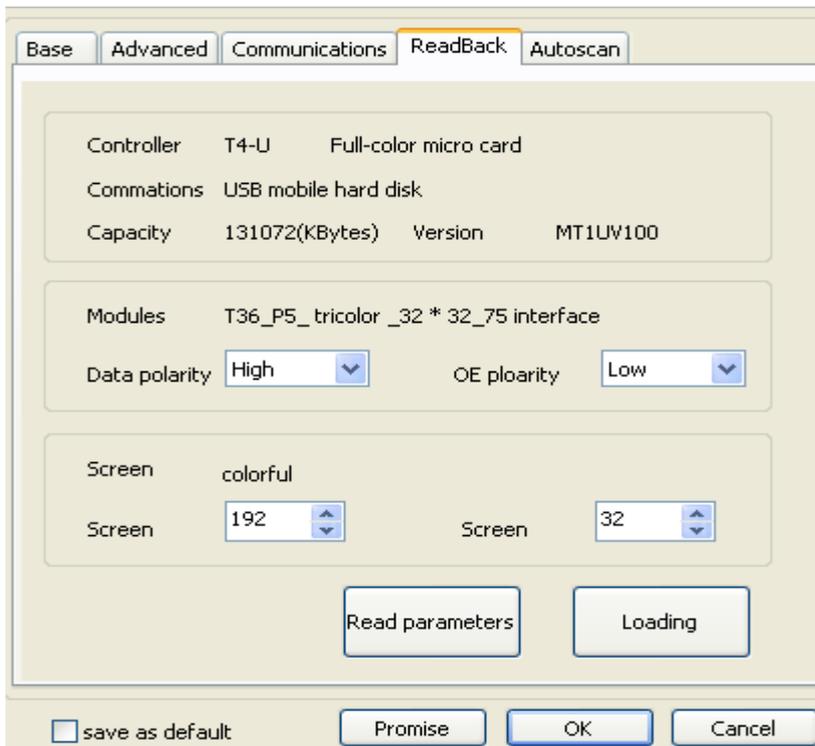
Ethernet communication: PC link control card by reticle



The default is standalone Direct Connect: mainly used to control the card and the computer directly connected; if you use a router, can also use this feature. However, the effect will be slightly worse newsletter.

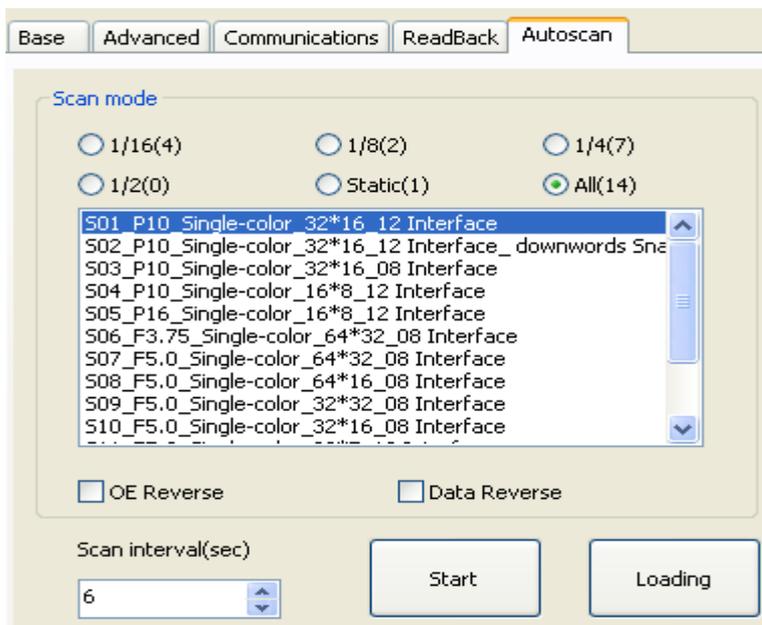
Fixed IP: When you know the IP address of the display, you can use this function, the control card default IP is 192.168.2.203. (Use this feature and screen computer must be in the same segment or reporting relationships)

4.5 Readback



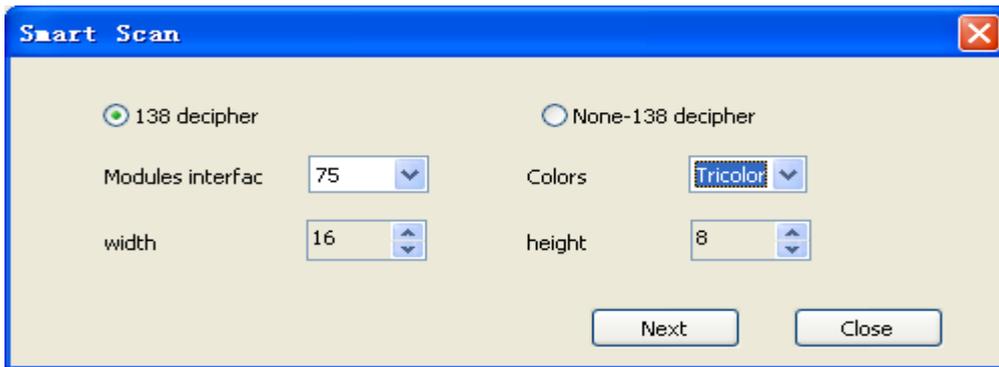
Readback: used for readback screen card models, cell plate size, and screen size.

4.6 Auto Scan

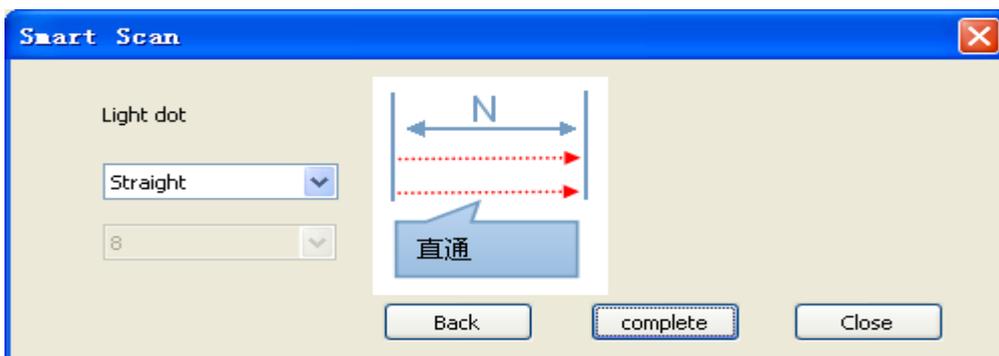
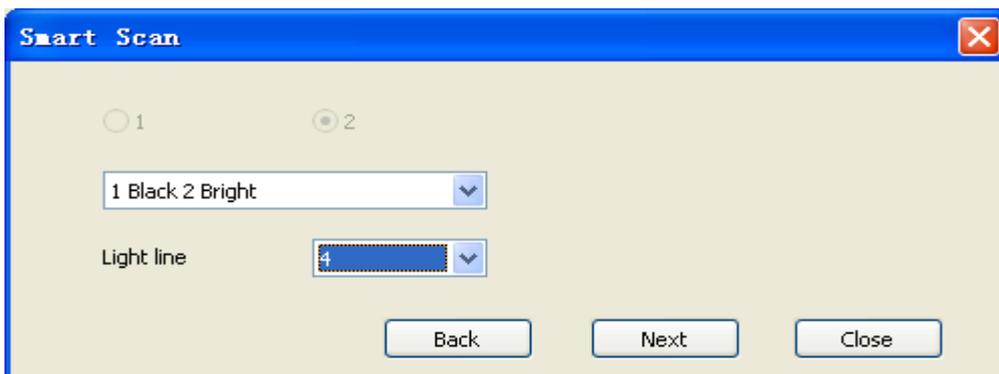
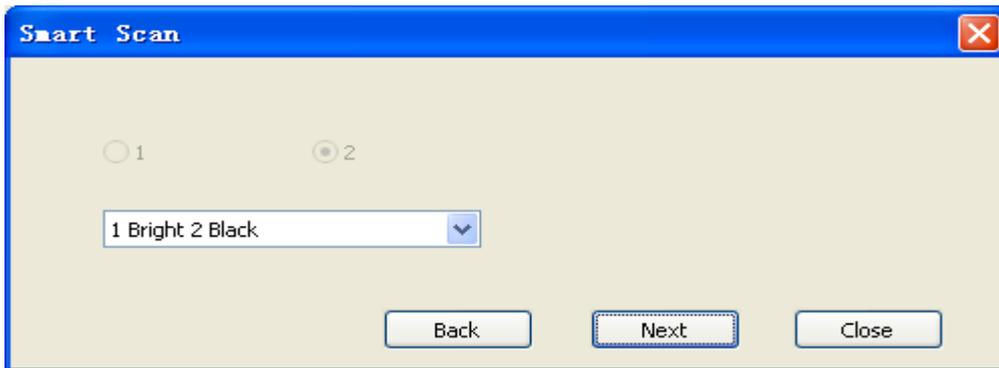


Auto Scan: for wired communications, the automatic scanning unit board, LED display shows when the words, the description of this unit board for the current display.

4.7 Smart Scan: When the software comes with no proper cell board, you can use intelligent scanning, intelligent scanning requires a computer connected with the control card to ensure smooth communication.

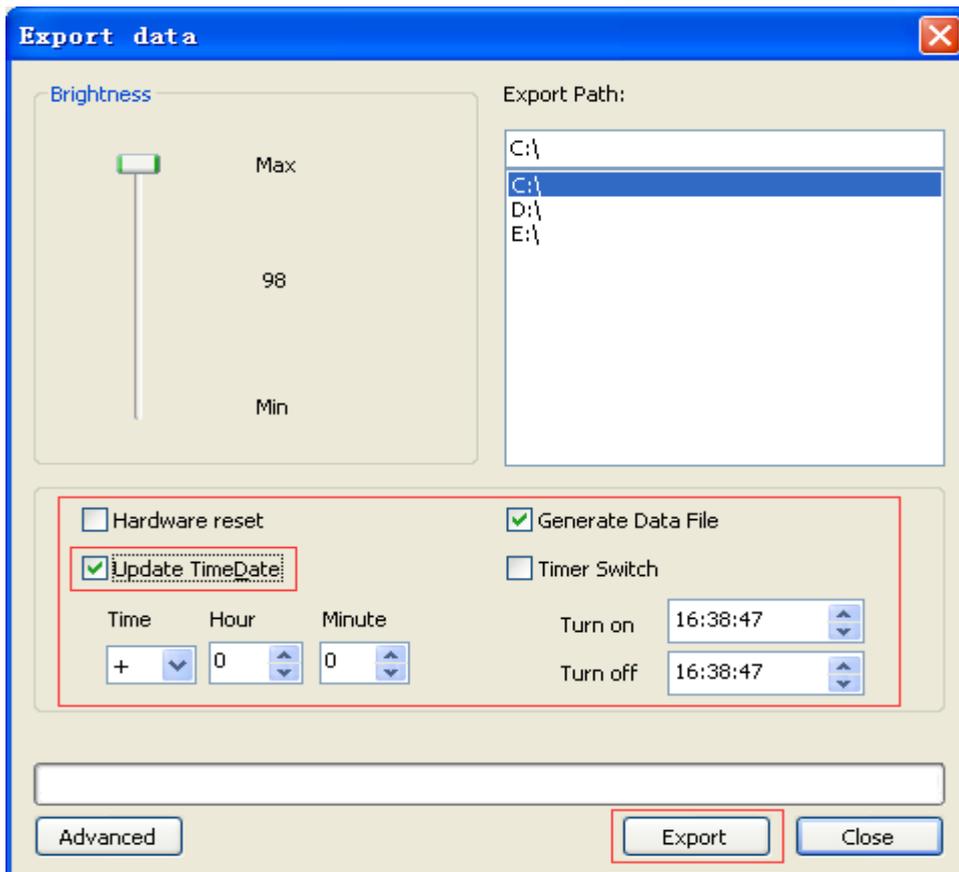


Select the above data parameters according to the actual unit board.



State selection, based on comparative data flow schematic diagram display. The scan is complete, the cell plate will now last position within the cell plate in the basic settings.

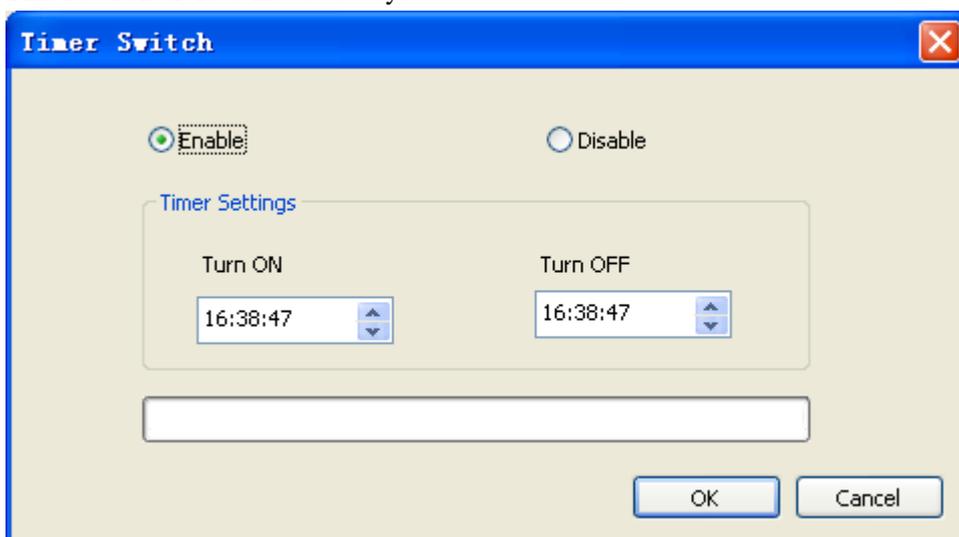
4.8 Group send



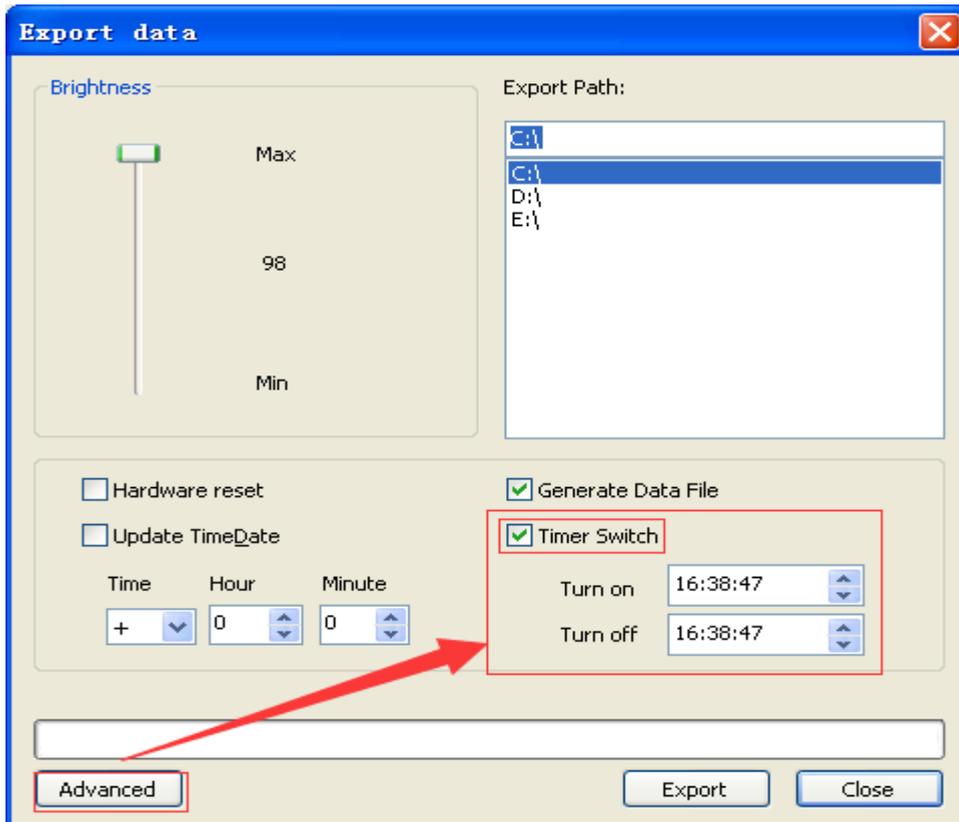
U disk mode: When you export data, click Advanced Settings, select the school when exported to the U disk. Transfer program to the control system, when completed school.

4.10 Timer switch

Timer switch divided into two ways.



Wired: the start time and end time required in 00: 00: 00-23: 59: 59 between, otherwise invalid.



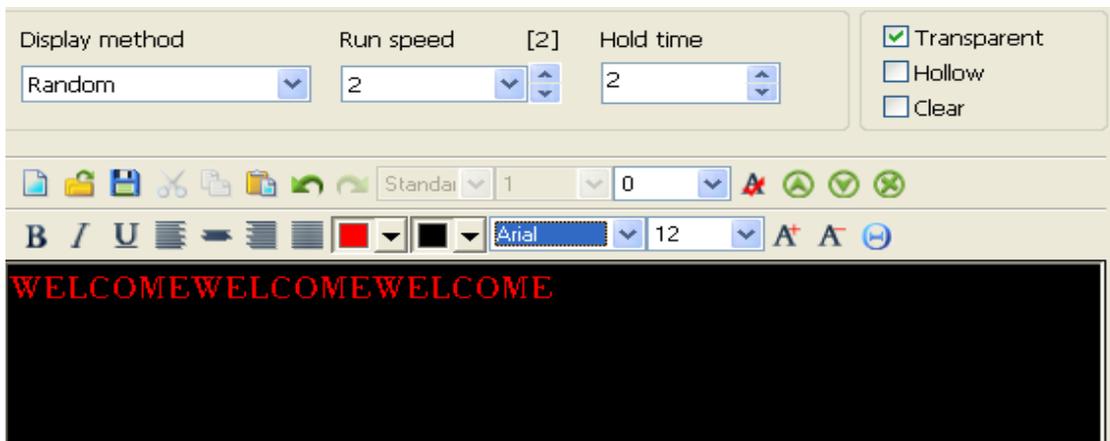
U disk mode: When you export data, click Advanced Settings, select the timer switch, start time and end time required in 00: 00: 00-23: 59: 59 between otherwise invalid, exported to the U disk. The transmission program to the control system for timing.

Note: Before using the timer switch, when the school first.

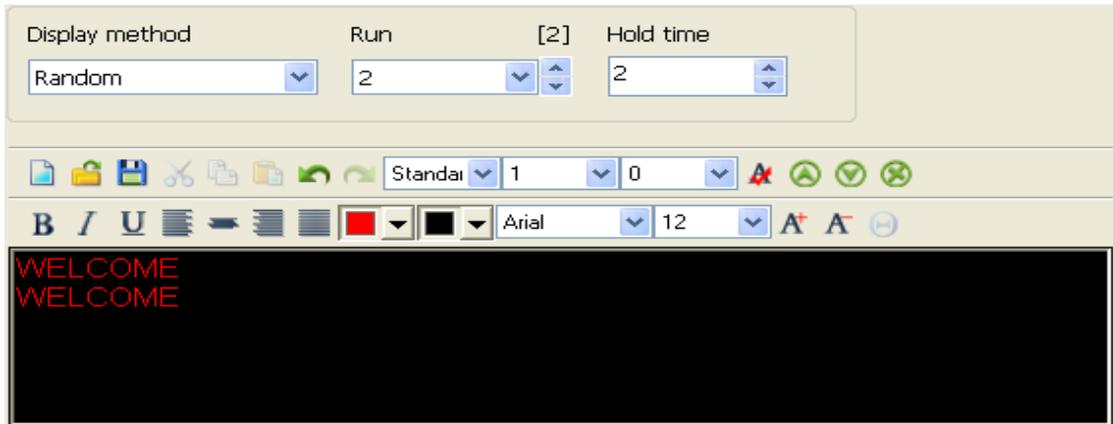
Chapter V editing

5.1 Description text editing functions

Subtitle:



Text:



 : New, Open, Save text format "RFT (*. Rft)".

 : Text Cut, copy, and paste.

 : Revocation, recovery.

 : Pitch mode, line spacing, word spacing. (Spacing is divided into four kinds, standards, fold away, minimum, a fixed value.)

 : Select all the text.

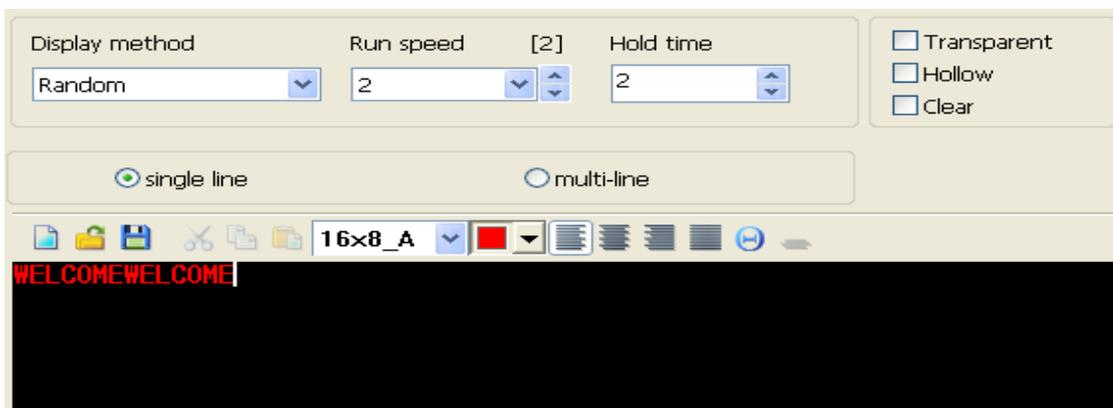
 : Fine-tuning the text up and down tuning, delete adjustments.

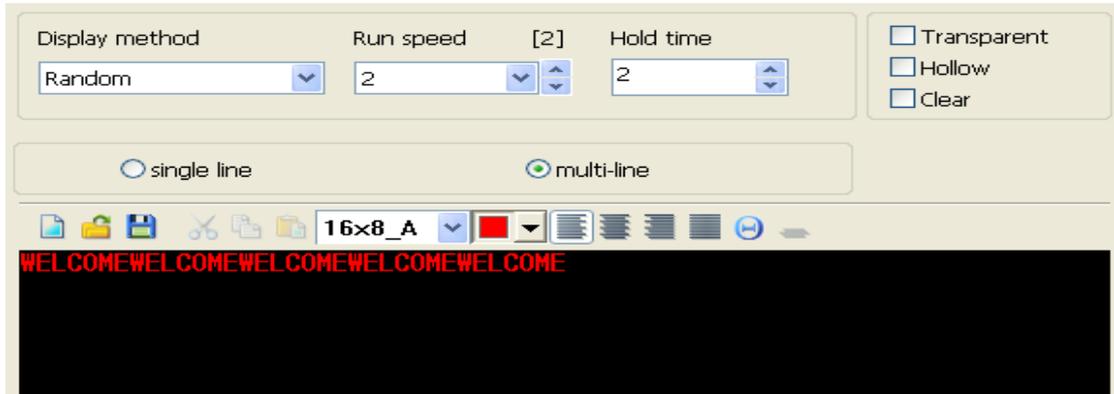
 : Font bold, italic, underline.

 : Text Habitat left, center, right home, decentralized aligned.

 : Text color, text background color, font, size, increase font size decrease font size, font color random.

5.2 Font attributes and edit





Font supports only English.

Single-line display: displays a single line in English.

Multi-line display: display multiple lines of English.

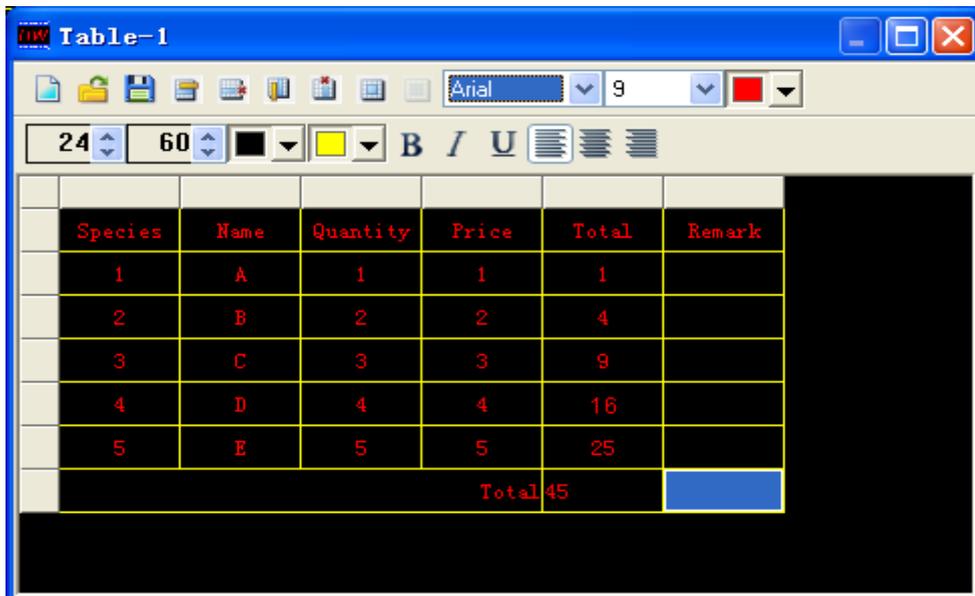
 : New, Open, Save text format.

 : Text Cut, copy, and paste.

 : 7x6 and 16x8 support two kinds of character font.

 : Text Habitat left, center, right home, decentralized aligned random colors, fonts and down movement.

5.3 Table editing features



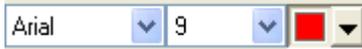
Species	Name	Quantity	Price	Total	Remark
1	A	1	1	1	
2	B	2	2	4	
3	C	3	3	9	
4	D	4	4	16	
5	E	5	5	25	
Total				45	



: New, Open, Save form. Format is "Worksheet Files (*. Xls)" and "GRD (*. Grd)" formats. Forms can also be modified to call an external adjustment.



: Inserted above the selected table row table, delete the selected rows in a table, select the table on the left is inserted in a list format, delete the list of the selected frame, merge cells, split cells.



: Font, font size, font color.



: Row height, column width, background color, the color forms.



: Bold, italic, underline, Habitat left, center, right home.

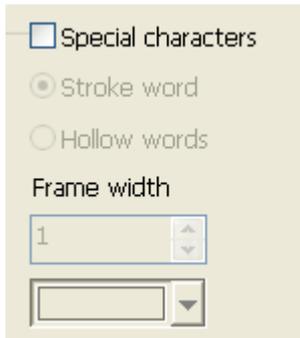
Chapter VI describes the properties

6.1 Common Properties

Subtitle-1

Name <input type="text" value="Subtitle-1"/>	<input type="checkbox"/> Background	Speed <input type="text" value="7"/>
X <input type="text" value="2"/>	<input type="checkbox"/> Add Border	Method <input type="text" value="Red"/>
Y <input type="text" value="0"/>	<input type="radio"/> Single color	<input type="text" value="Clockwise"/>
Width <input type="text" value="75"/>	<input checked="" type="radio"/> Suit	Speed <input type="text" value="6"/>
Height <input type="text" value="32"/>	<input type="text" value="310"/>	

Display method <input type="text" value="Random"/>	Run speed [2] <input type="text" value="2"/>	Hold time <input type="text" value="2"/>	<input type="checkbox"/> Transparent <input type="checkbox"/> Hollow <input type="checkbox"/> Clear
---	---	---	---



Name: program element name.

X: start region longitudinal coordinates

Y: the coordinates of the location of the starting point of the lateral area

Width: the width of the element area points.

Height: the height of the element area points.

Background : background effects used in the subtitle, text and other program elements, superimposed to use. Colorful background color and special effects into a single full-color two kinds. Colorful single color directly choose to use. Full-color background effects to select, you need to use a transparent display, hollow show, one of the remaining display.

Speed: If the background is animated, you can change the background animation playback speed.

Add Border: Border mode selection.

Display Method: Display of text, images and other elements of the program.

Run Speed: The rate of change display text, images and other elements of the program.

Hold Time: Dwell time display of text, images and other elements of the program.

Transparent : After text and background transparent display can be superimposed display.

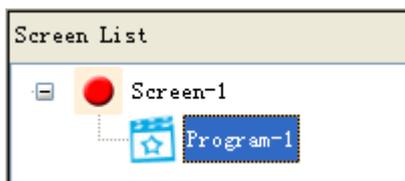
Hollow: After overlay text and background, the text of the display background effect.

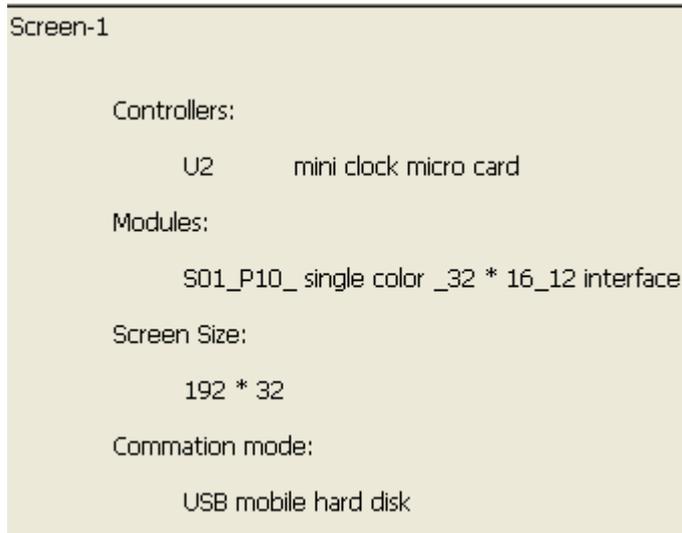
Clear: an on-screen content remaining, not immediately clear as black.

Special characters: Text special treatment, such as text strokes, hollow words.

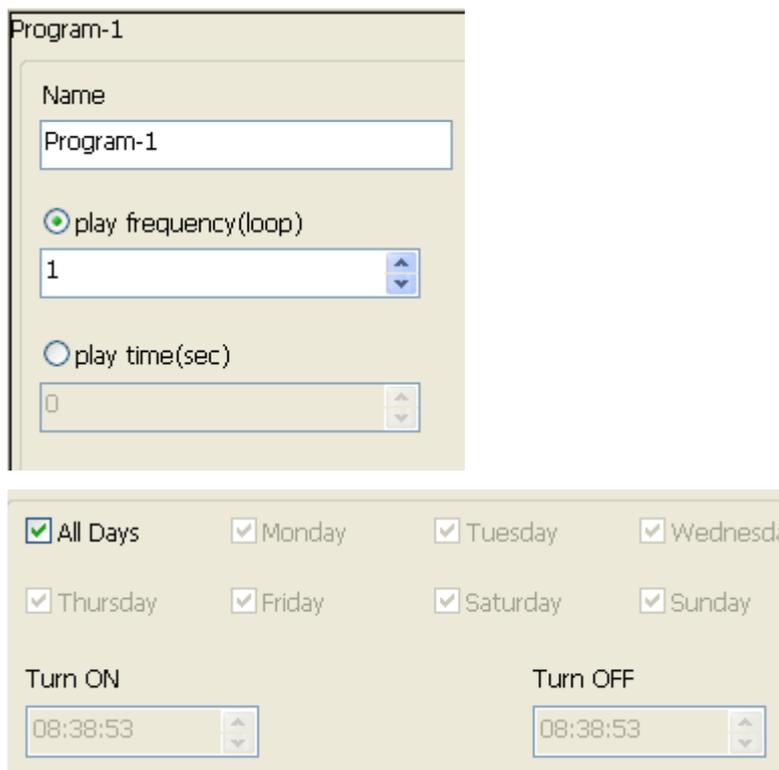
Frame width: special font border width.

6.2 screen Properties





6.3 Program



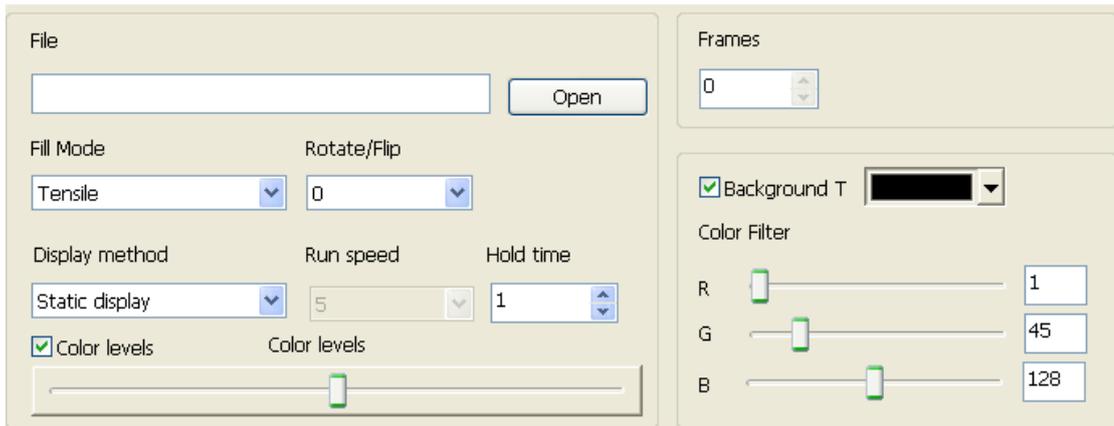
Name: The name of the program.

Play frequency(loop): screen multiple programs at a time when the number of plays play turns.

Play time(sec): in the display more than one program, the length of each take turns playing time during playback, in seconds.

Timer switch: Playback can be timed choreography broadcast within a week. Start time and end time required in 00: 00: 00-23: 59: 59 between, otherwise invalid.

6.4 Animation properties



Files: Animated GIF and AVI file format is two formats. Need uncompressed AVI video.

Fill mode: Fill methods are common, tile, center, stretch, zoom, five kinds, depending on the size of the animation to select a suitable filling mode. Commonly used for scaling.

Rotate/flip: rotation may 90 degrees, 180 degrees, 270 degrees, Flip Horizontal, Flip Vertical five.

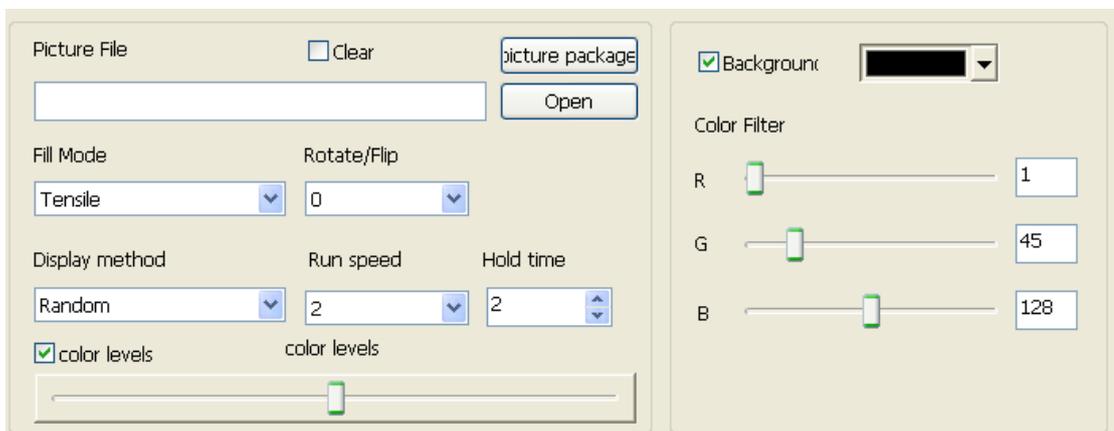
Display method: Display animation is still displayed.

Frames: When the animation is too out of control card storage capacity will automatically intercept playable size.

Transparent Background: When using pictures or animations appear red and blue background, you can select the background transparent blue, the display will show only the red text effect.

Color Filter: adjust the screen color.

6.5 Image properties



Picture files: Images Support *.bmp / *.jpg / *.jpeg / *.png / *.ico five formats.

Clear : When multiple images to play before a picture after picture as the background.

Picture package: Use all images within a folder.

Fill mode: Fill methods are common, tile, center, stretch, zoom, five kinds, depending on the size of the animation to select a suitable filling mode. Commonly used for scaling.

Rotate/Flip: rotation may 90 degrees, 180 degrees, 270 degrees, Flip Horizontal, Flip Vertical five.

Color levels: When using a full-color display, adjust the contrast of screen screen.

Background: When using pictures or animations appear red and blue background, you can

select the background transparent blue, the display will show only the red text effect.

Color Filter: adjust the screen color.

6.6 Time

single line multi-line

Font: Arial, 12, B, U, I

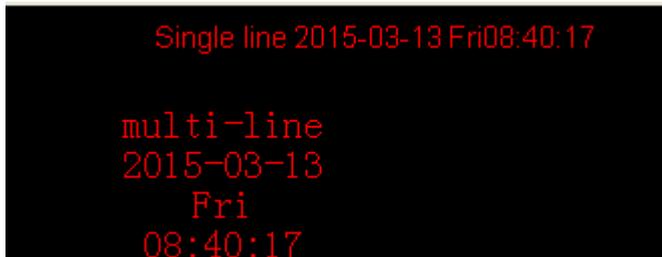
Static text: [] [Red]

yyyy-MM-dd [Red]

Mon [Red]

HH:mm:ss [Red]

Transparent



Static text: You can add text needs.

Transparent: You can add background.

6.7 Dial

Style: Static text, date, week, Time: +, hour: 0

Unit type: Fixed text, Font: Arial, 12, B, U, I, [Red]

3.6.9: Round, 5, [Yellow], hour hand: 5, [Yellow]

hour point: Round, 3, [Green], minute: 3, [Green]

minute: Round, 1, [Red], second: 1, [Red]



6.8 Timer

single line multi-line

Font

Arial 17 B U I

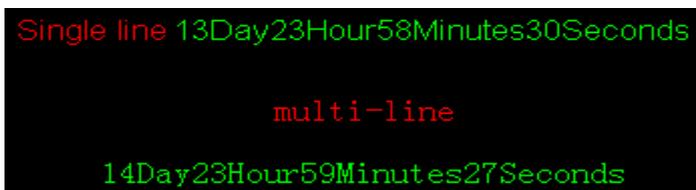
Static text

Single line █

Target time

2015- 3-27 08:47:08 █

Day Hour
 Minutes Seconds



Target time: Goal-setting time of arrival, is timing time is set to a specific point in time before the countdown time is set to a specific point in time after.

6.9 Temperature

single line multi-line

Font

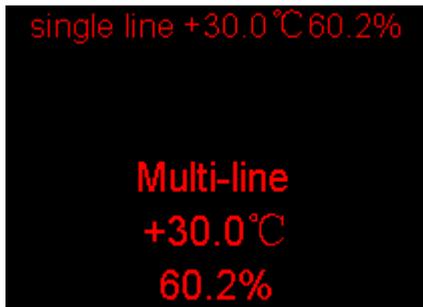
Arial 17 B U I

Static text

single line █

Temperature
 °C █

Humidity
 % █



Chapter VII Data transfer function

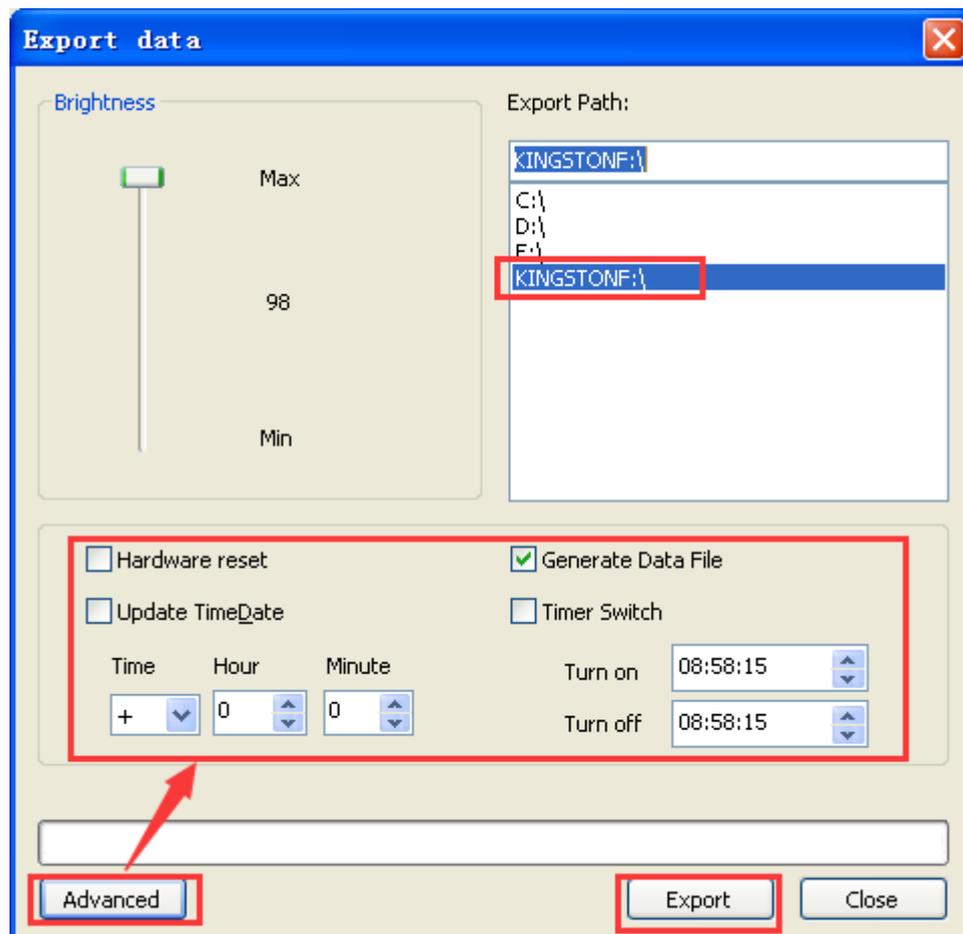


7.1 Cable transmission

After connecting the control system, and click Send.

7.2 U disk transfer

Click Export.



Brightness: The display brightness adjustment, one of the darkest.

Export path: Exporting to the U disk or exported to a local disk, copy the exported file to the U disk.

Chapter VIII Case Studies

8.1 Single Color screen

Effect:

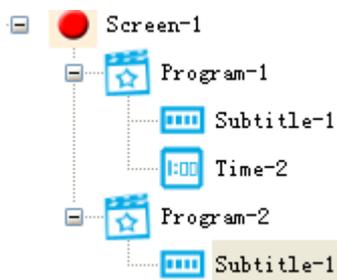


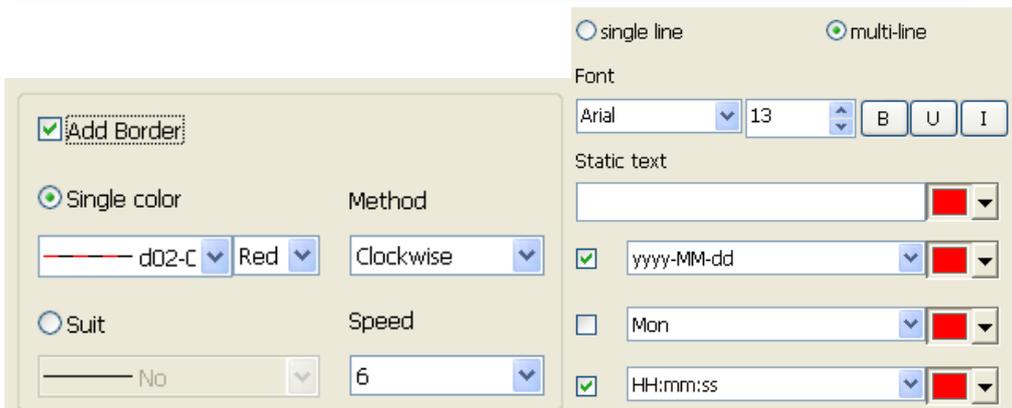
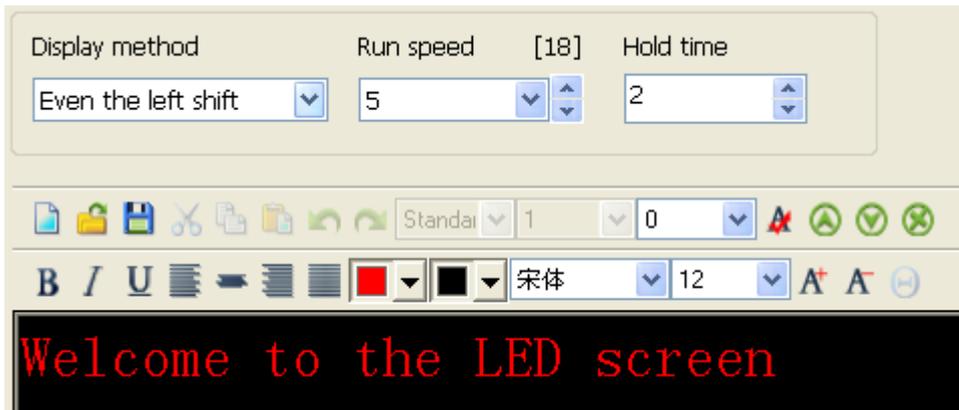
Time+Subtitle



Subtitle+Special characters Align the dispersion effect

Production steps:

A screenshot of a software configuration interface for an LED screen. It features several tabs: 'Base', 'Advanced', 'Communications', 'ReadBack', and 'Autoscan'. The 'Base' tab is active. The interface includes fields for 'Screen Name' (Screen-1) and 'Explanation'. Under 'Screen Color', there are radio buttons for 'sig-color' (selected), 'dual-color', 'seven-color', and 'colorful'. The 'Controllers' dropdown is set to 'U2 mini clock micro card'. The 'Modules' dropdown is set to 'S01_P10_single color_32 * 16_12 interface'. 'Screen width(pice)' is set to 14 and 'Screen height(pice)' is set to 2. The screen size is noted as 'Size(dot) : 448 * 32'. A link 'Click here for communication settings' is provided at the bottom.



8.2 dual-color screen

Effect:



Subtitle+picture+table+text+Background

Different places for different fonts need to select better.

Production steps:

Base Advanced Communications ReadBack Autoscan

Screen Name: Explanation:

Screen Color: sig-color dual-color seven-color colorful

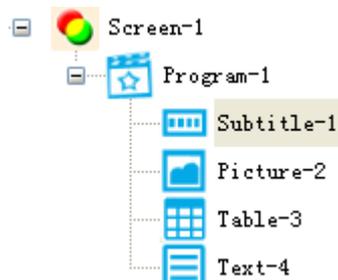
Controllers: ▼

Modules: ▼

Screen width(pice): ▼ Screen height(pice): ▼

Size(dot) : 768 * 192

[Click here for communication settings](#)



Display method: ▼ Run speed: ▼ [2] Hold time: ▼

Standard 1 0 [X] [O] [O] [X]

B / **I** **U** [List Icon] [Bulleted List Icon] [Red Box] [Black Box] 宋体 12 A+ A- [Speaker Icon]

😊😊Welcome to the LED display😊😊

Picture File:

Fill Mode: ▼ Rotate/Flip: ▼

Display method: ▼ Run speed: ▼ Hold time: ▼

Table-3

宋体 9

38 60 B / U

Category	Name	Quantity	Price	Total	Remark
1	A	1	1	1	
2	B	2	2	4	
3	C	3	3	9	
4	D	4	4	16	
5	E	5	5	25	

Display method: Static display

Run: 5 [10]

Hold time: 2

Standard 1 0

B / U 宋体 12 A+ A-

welcome
WELCOME

8.3 Seven-color screen

Colorful display colors more effective than single color, the elements and use the same method, please refer to the production of single-color display.

8.4 colorful screen(RGB full color screen)

Text + Image or Text + Video or Text + Background





Production steps:

Base Advanced Communications ReadBack Autoscan

Screen Name	Explanation
Screen-1	

Screen Color

sig-color dual-color seven-color colorful

Controllers

T6 Full color kcal

Modules

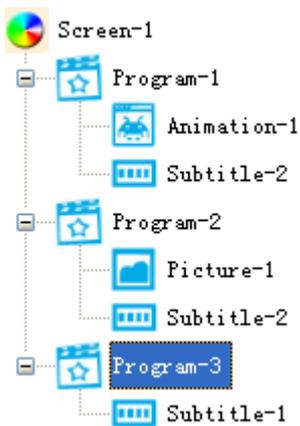
T36_P5_tricolor_32 * 32_75 interface

Screen width(pice) Screen height(pice)

8 6

Size(dot) : 256 * 192

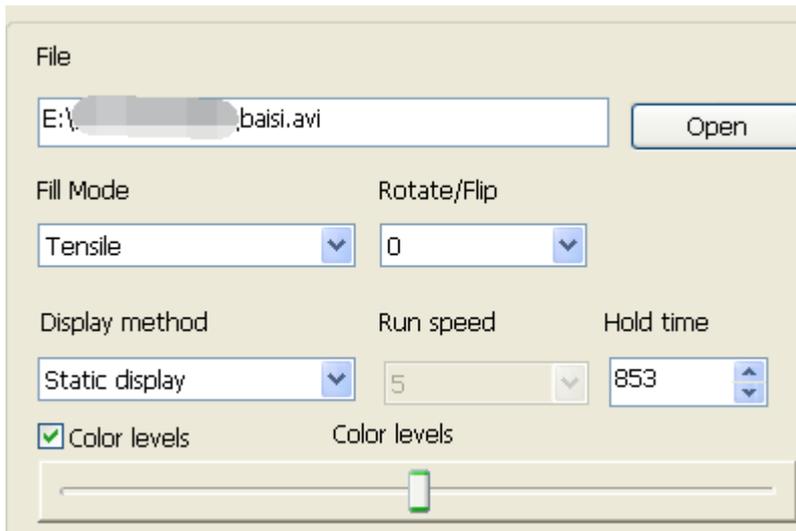
[Click here for communication settings](#)



Text + Video:

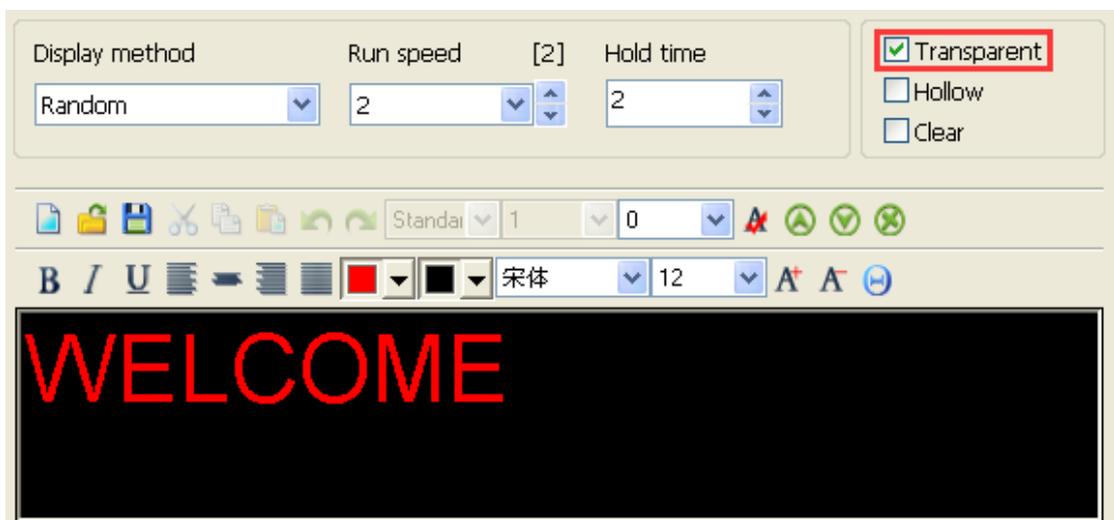
Add Video

Open: You need to find the location of the video. Video formats supported AVI and GIF.



Add subtitle or text

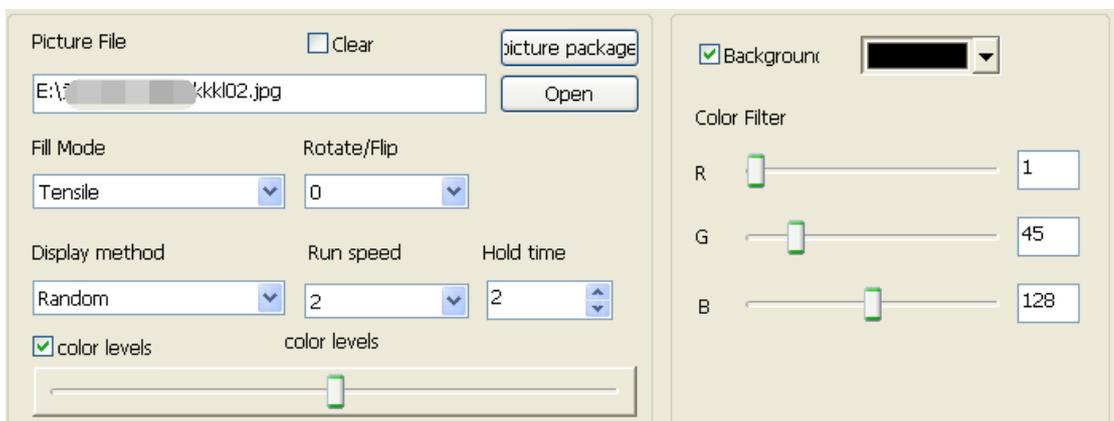
After you enter text, select Transparent.



Text + Image:

Add picture

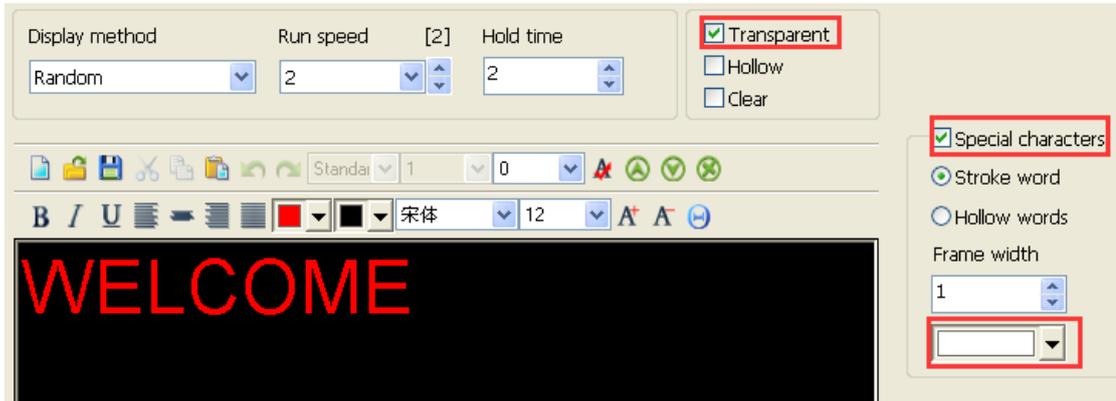
Open: Open the image location.



Add subtitle or text

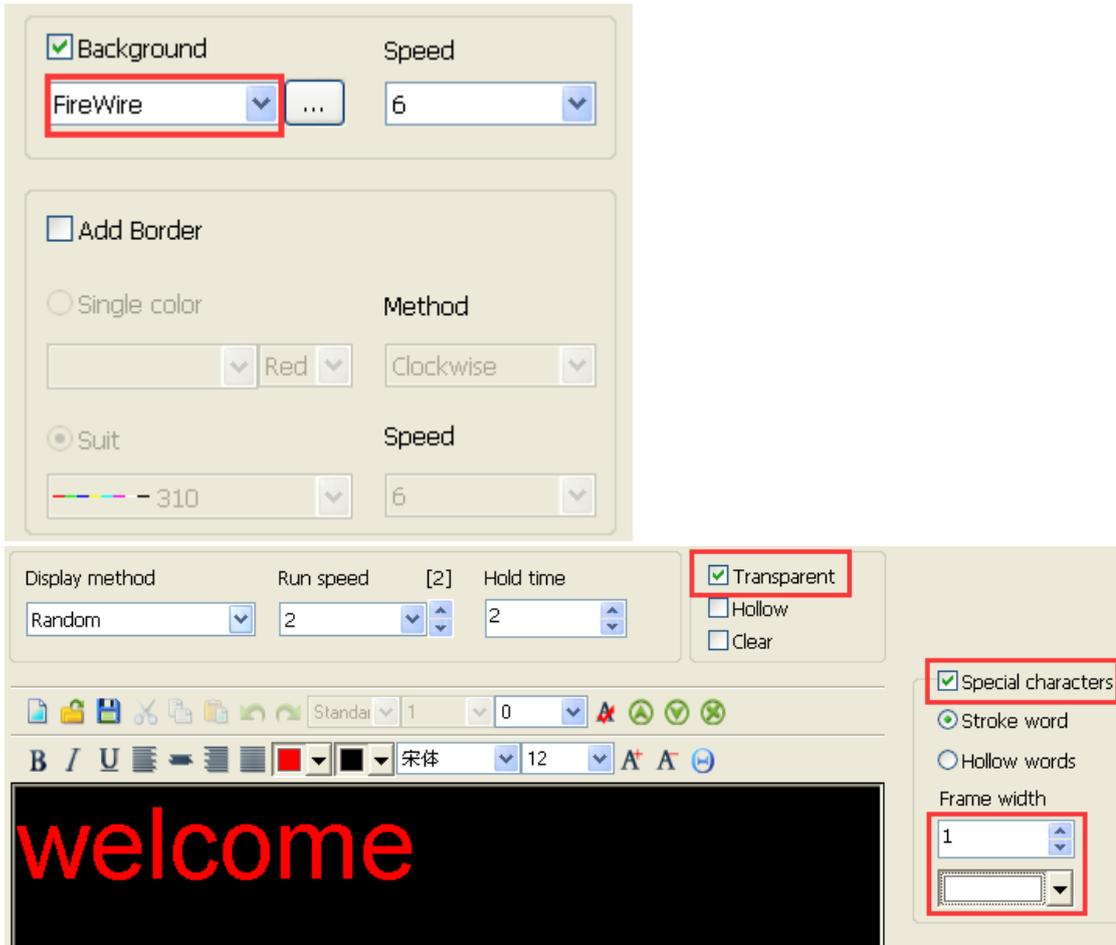
After you enter text, select Transparent.

If the picture is similar to the color and font color can change the text color, or select Special characters, font add borders, border color choice according to need.



Text + Background:

Software contains 61 kinds of borders, select the desired border.



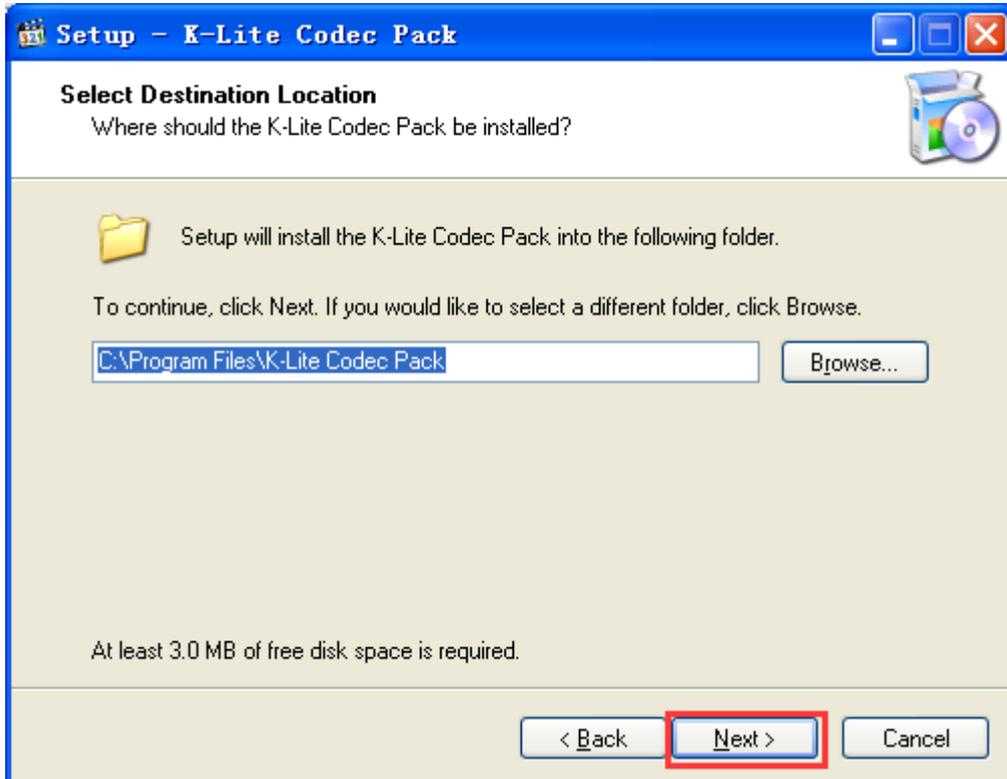
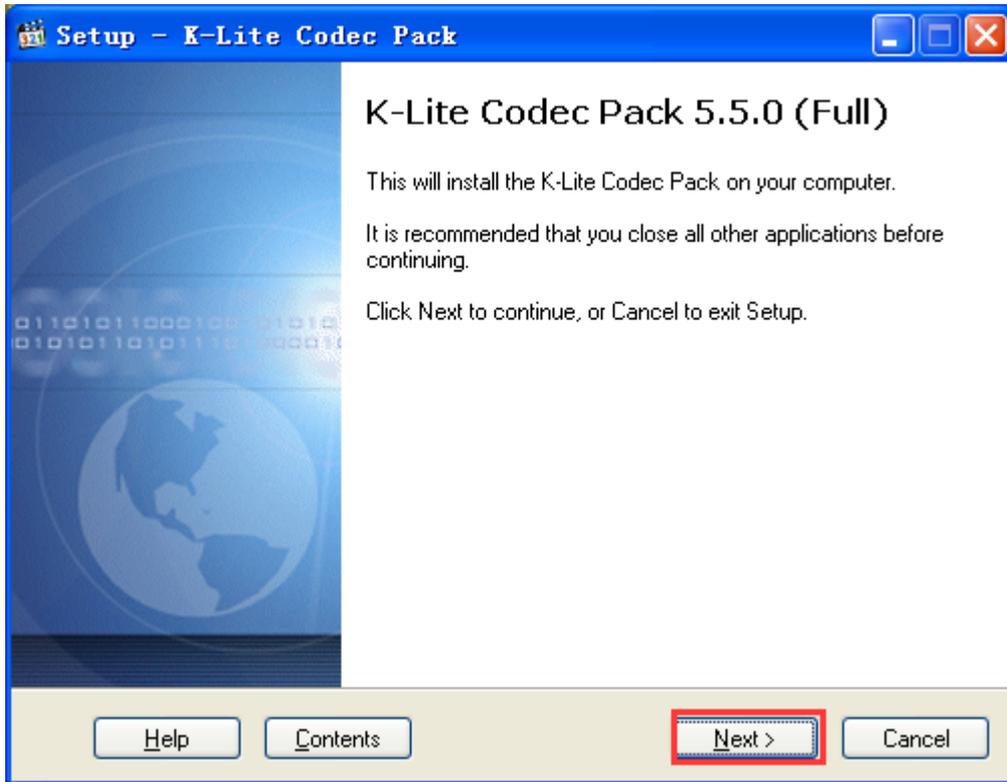
2015.3.17 Revise

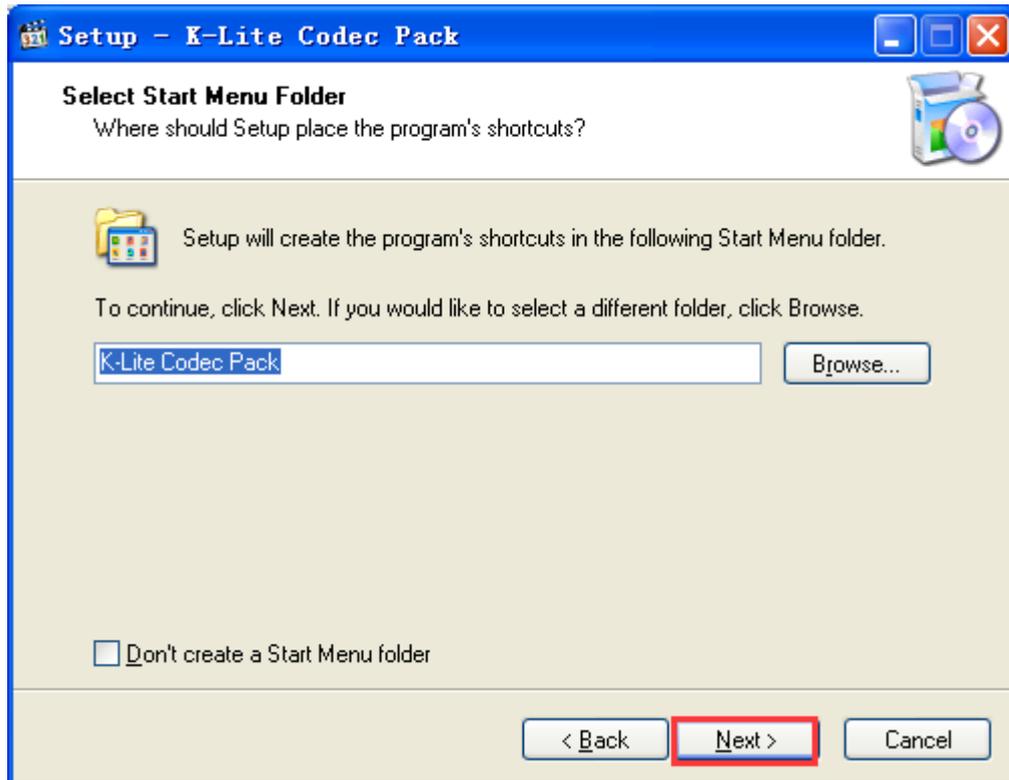
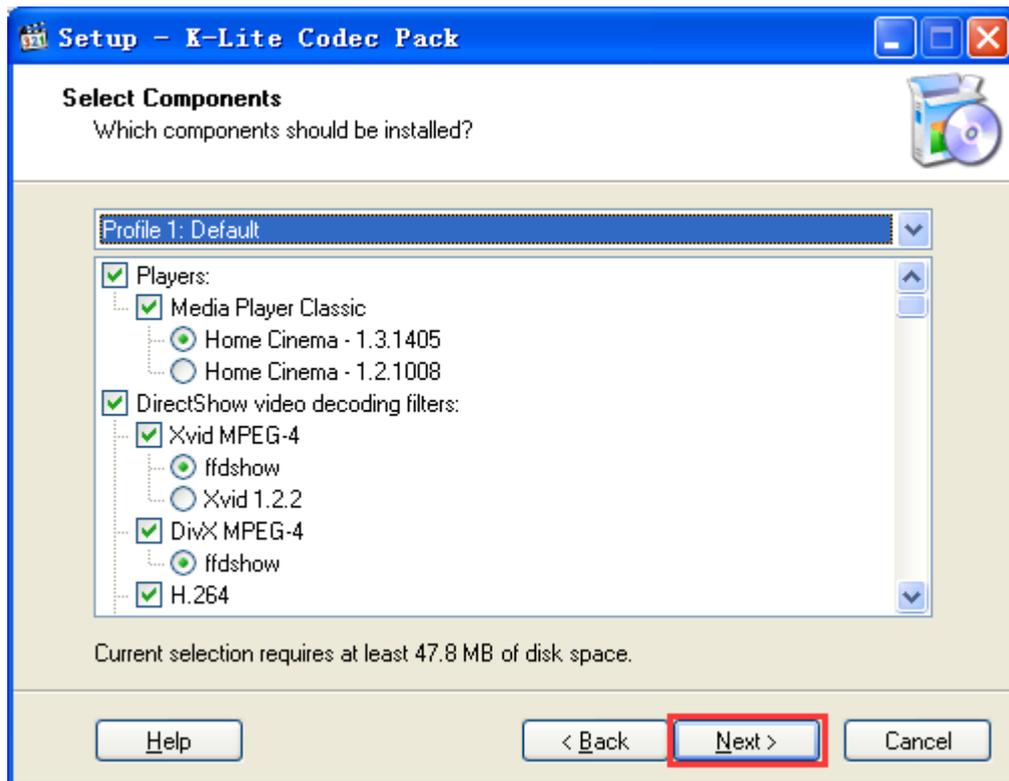
Video decoder Installation steps:

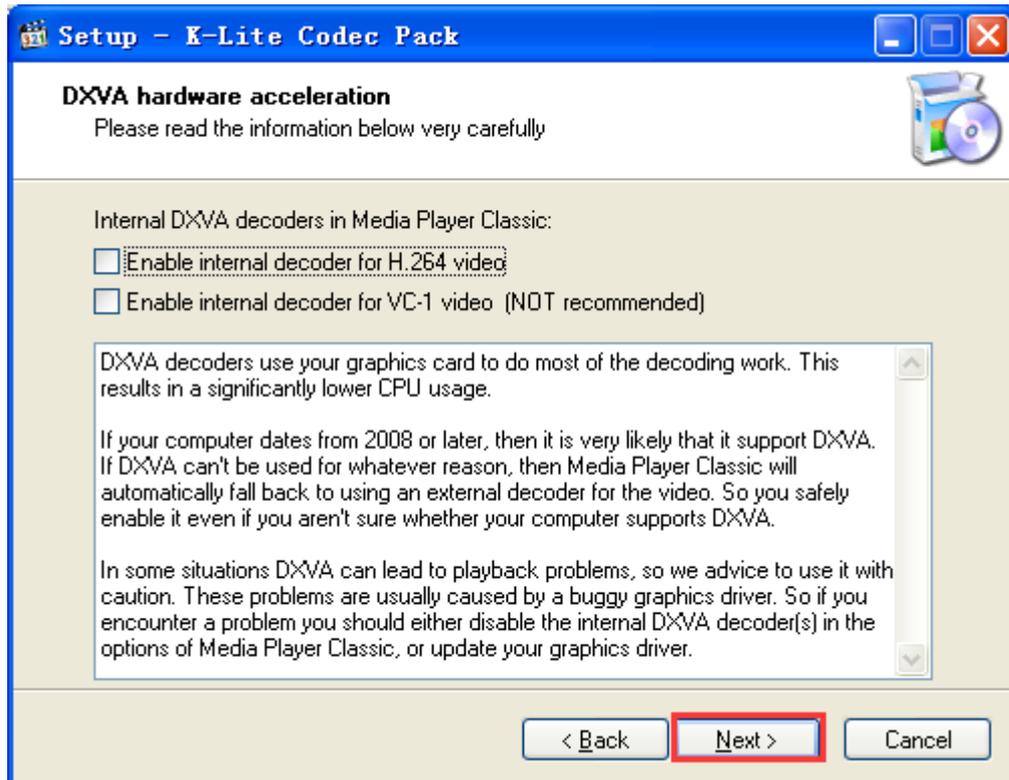
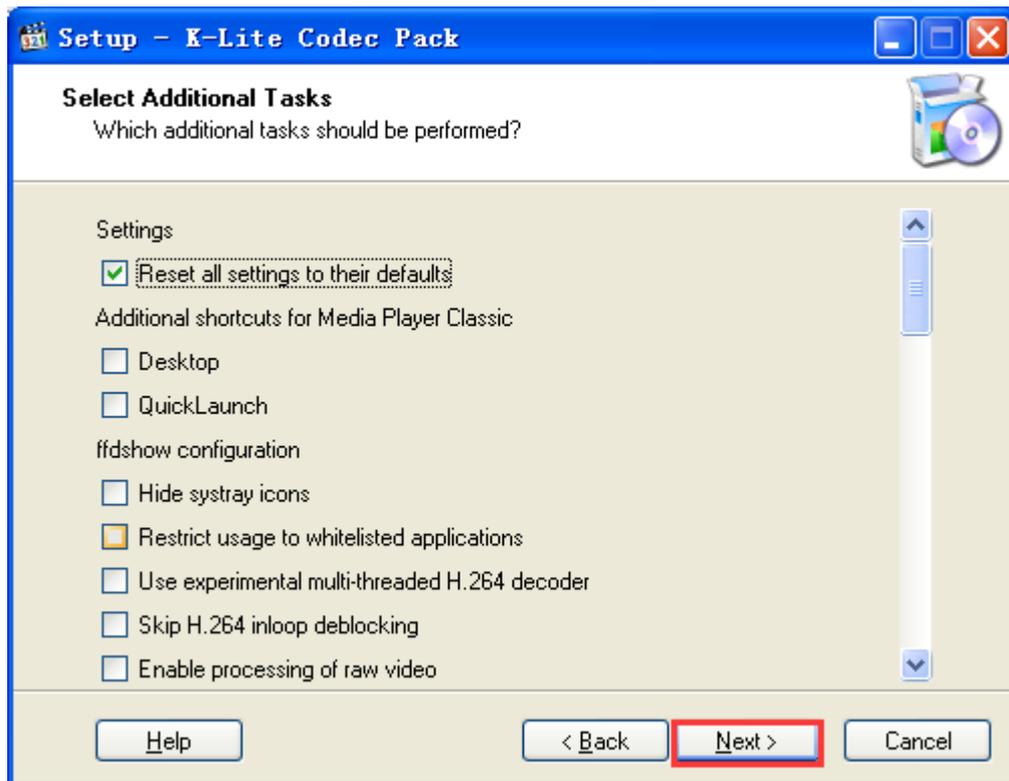


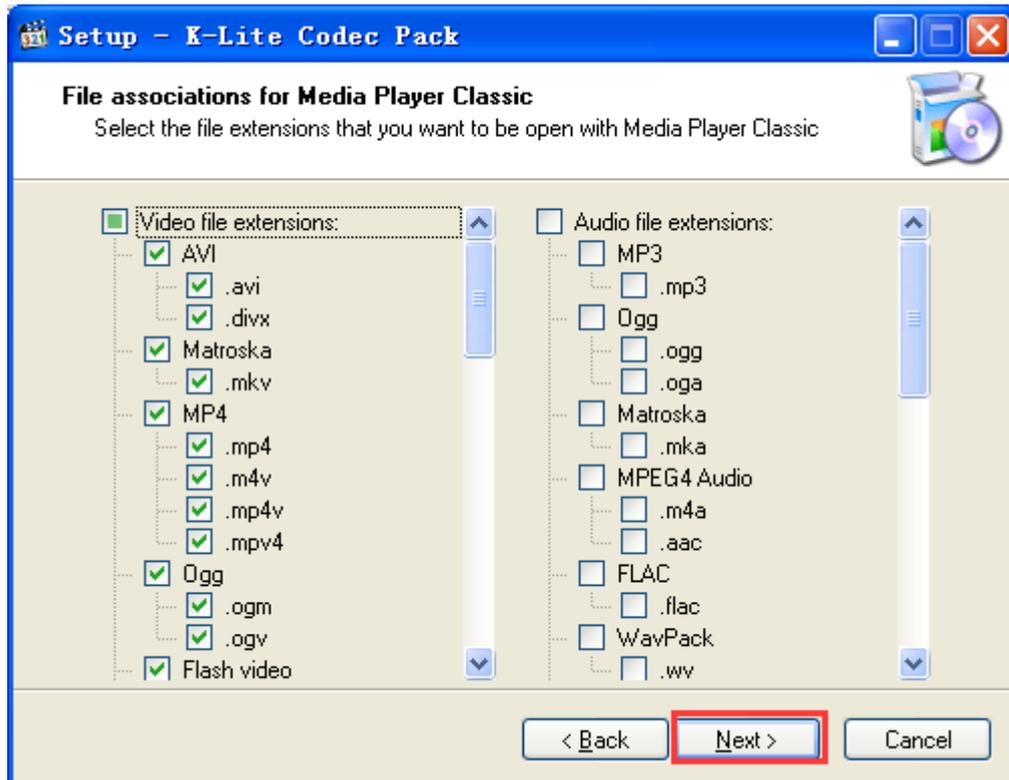
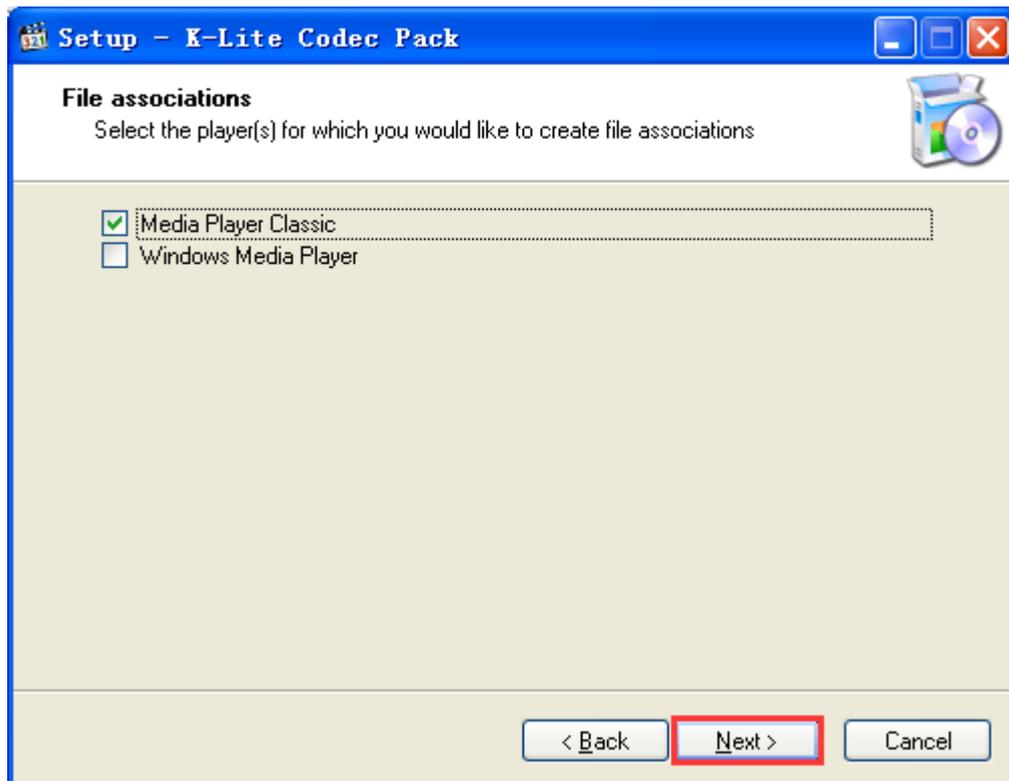
K-Lite Codec Pac...
K-Lite Codec Pac...

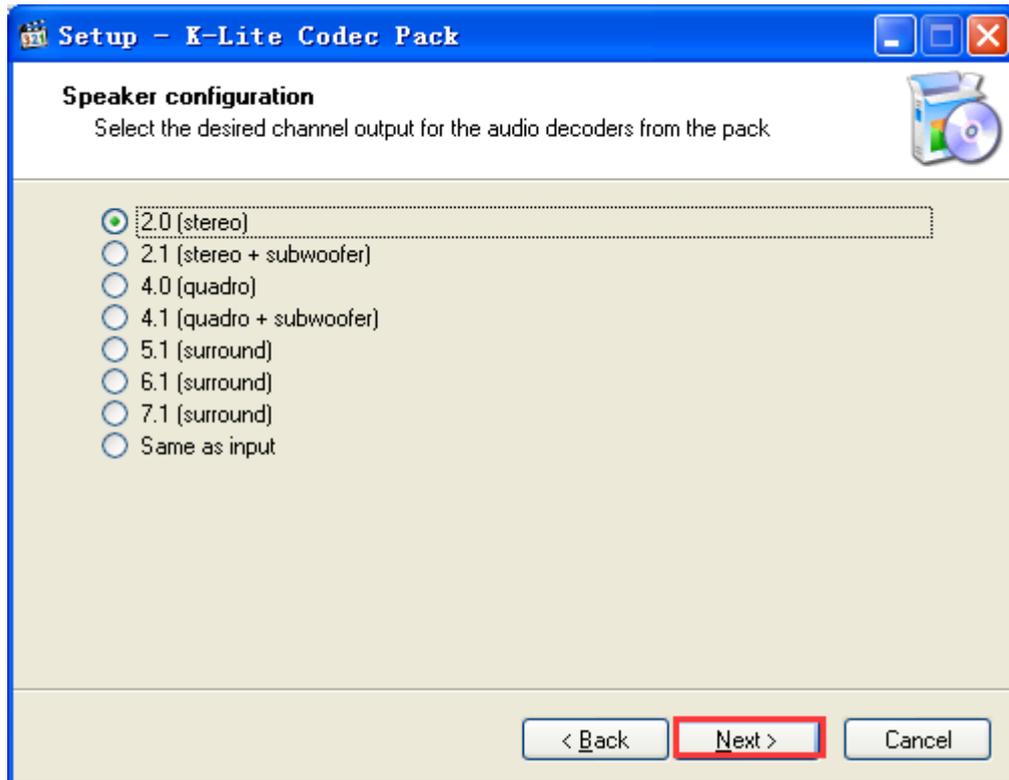
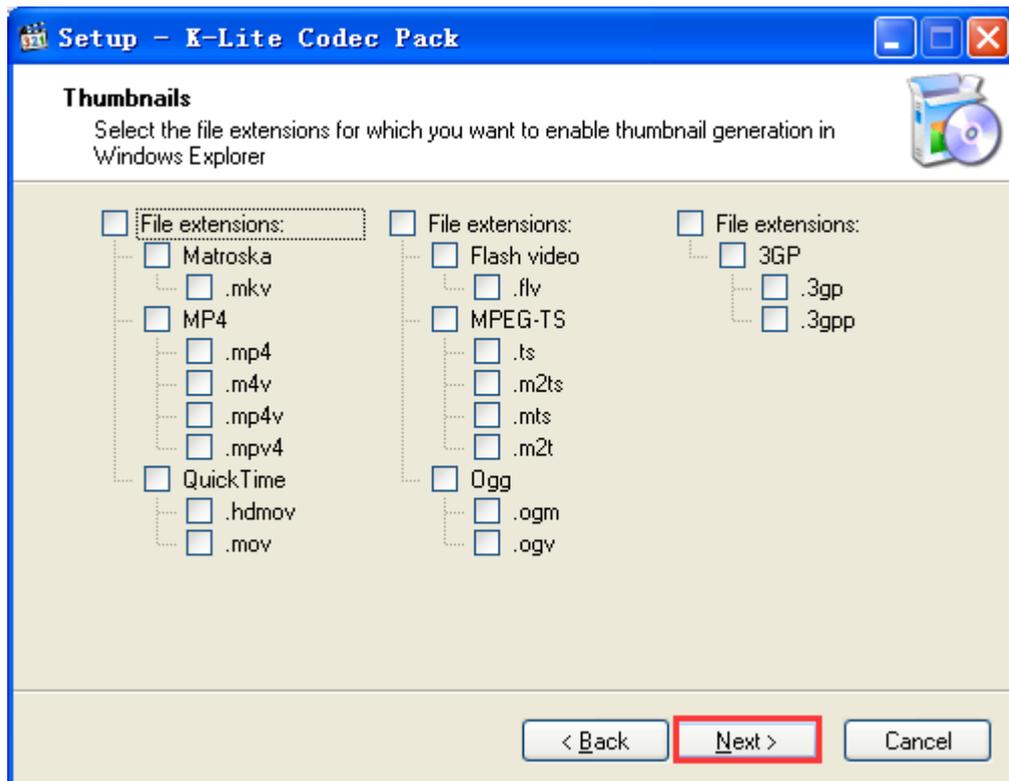
Double-click software.

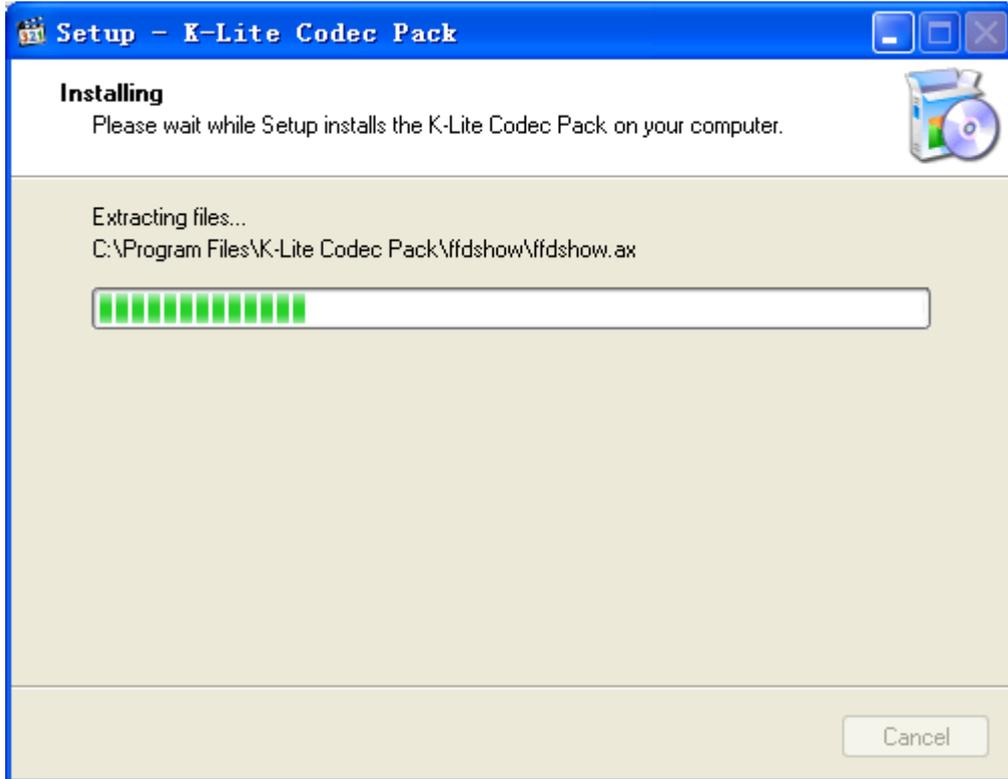
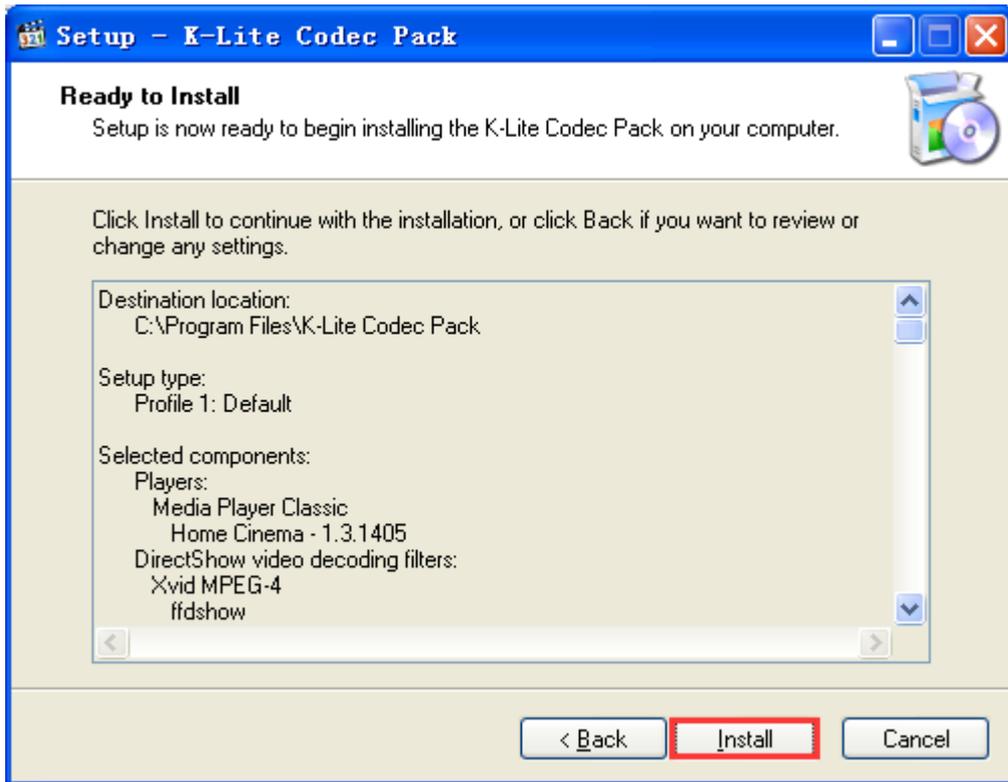


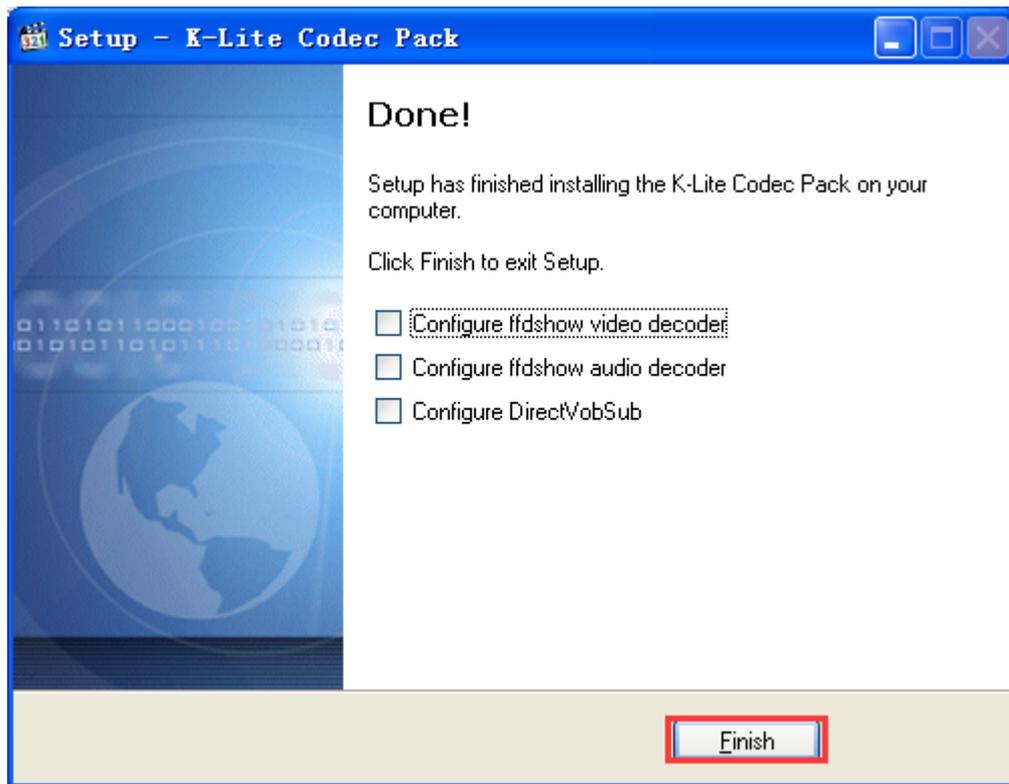












Done!

Setup has finished installing the K-Lite Codec Pack on your computer.

Click Finish to exit Setup.

- Configure ffdshow video decoder
- Configure ffdshow audio decoder
- Configure DirectVobSub

Finish