

USER MANUAL Ledshow YQ

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Firmware update

Instruction

Thank you for purchasing our LED multimedia player. hope you can enjoy the excellent performance of this product. The design of the LED multimedia player meets international and industry standards, but if improperly operated, it may still cause personal injury and property damage. Avoid possible dangers caused by the equipment and avoid entering from your equipment. When installing and operating the product, please follow the relevant instructions in this manual.

Description

LedshowYQ 2018 software support graphic editing software dedicated to YQ series asynchronous full-color controllers. It is powerful, simple and practical. At present, there are partitions such as video area, graphic area, subtitle area, time area, dial area, lunar area, table area, database area, and sensor area. It supports dynamic preview of partitions, which is convenient for users to edit programs more intuitively and efficiently. The software supports the display parameter configuration and scanning configuration of the new generation of high-brush architecture products, and the network port output can be customized. The product supports the adjustment of brightness, volume, switch on and off, supports direct connection of a single machine, fixed IP, server, USB communication mode, WIFI mode..

Operation system

LedshowYQ 2018 support Windows XP、Vista、Windows 7、Windows 8、Windows10.

Install and uninstall

1. Software install

1) Download software from website :www.onbonbx.com ,download the LedshowYQ 2018, then install it and then click OK.

, Louisin	请选择一种语言:
0	English (United States)
	确定 取消

2) Run to the installation wizard interface and click the "next step" .

LedshowYQ		
Welcome to the Leo	lshowYQ Setup	Wizard
The installer will guide you throug	h the steps required to insta	all LedshowYQ on your computer.
WARNING: This computer progr Jnauthorized duplication or distril or criminal penalties, and will be p	am is protected by copyrigh bution of this program, or an prosecuted to the maximum	t law and international treaties. y portion of it, may result in severe civil extent possible under the law.
	Cancel	C Back Next >

JedshowYQ	
Select Installation Folder	
The installer will install LedshowYQ to the following folder.	
To install in this folder, click "Next". To install to a different folder, en	ter it below or click "Browse".
<u>F</u> older:	
C:\Program Files (x86)\ONBON\LedshowYQ\	Browse
	Disk Cost
Install LedshowYQ for yourself, or for anyone who uses this compu	iter:
Everyone	
⊚ Just me	
Cancel	< Back Next >

Note:

If you want to install to drive D, you only need to modify "C" to "D". If you click "Browse" to select the path, remember that you cannot select only the drive letter, you must select a folder under the drive letter.

3) After selecting the installation path, enter the preparation installation interface and click "Install".

JedshowYQ	
Confirm Installation	
The installer is ready to install LedshowYQ on your computer. Click "Next" to start the installation.	
Cancel < Back	Next >

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4) Finish the installation of LedshowYQ 2018 then click "close"



2. Software uninstall

The software provides an automatic uninstall function. Find "LedshowYQ" in the [Start]-[All Programs] of the computer. Click the right mouse button and click "Uninstall" in the pop-up list to uninstall all software files and shortcuts. Or the user can choose to select "Programs and Features" \rightarrow "LedshowYQ" \rightarrow "Uninstall" in the "Control Panel" of the computer, and the software can be uninstalled.



Menu interface



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1. Menu

There are file,edit,common,setup,advanced,group ,language ,help function in this menu.

2. Previewer function

Preview area is the LED screen preview window on the computer.

3. Edit window

Edit window mainly for edit program parameters ,set program name,X value ,Y value ,width ,height,display effect ,run speed ,stay time and so on .

4. Program area

Program is for edit different text&image area ,subtitle area ,video area ,weather etc.

5. Major menu

User can add new program ,text ,subtitle ,time ,video ,weather ,sensor etc.

Menu and tools

1. Major menu

😼 Ledsh	LedshowYQ ASYNC Media Editor(V 20.5.15.1)					
File(F)	Edit(E)	Setup(S)	Advanced(A)	Group(G)	Language(L)	Help(H)

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1) File

File(F)	Edit(E)	Setup(S)	Adva			
Ne	w					
Op	en					
Sav	Save					
Sa	Save As Import project file					
Im						
Exp	oort projec	t file				
Im	port scree	n parameter				
Exp	oort screer	n parameter				
Qu	iit					

In this file ,user can add new program ,open ,save as ,save ,export and import the screen parameters.

2) Edit

Edit(E)	Setup(S)	Advanced(A)	(
Co	ру				
Pa	ste				
De	lete				
Lo	Lock the current program				
Un	lock the cur	rent program			
Ad	ld Program				
Ad	d Image/Te	d Zone			
Ad	d Subtitle Zo	one			
Ad	Add Weather Zone				
Ad	ld Video Zon	e			
Ad	ld Datetime 2	Zone			
Ad	d Dial Zone				
Ad	ld Timer Zon	e			
Ad	d Luar Zone				
Ad	d Temperatu	ure Zone			
Ad	d Humidity	Zone			
Ad	ld Noise Zon	e			
Ad	d WaterSens	or Zone			
Ad	ld LiquidSen	sor Zone			
Ad	d database z	one			

In this file user can copy,paste ,delete,lock program ,unlock program,add program ,add picture zone ,add subtitle zone,add weather zone,add video zone ,add date ,time zone ,add dial zone,add timer zone,add lunar zone,add sensor zone and database zone function and so on. 3) Setup



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- Set screen parameters: Set the display screen parameters, including selecting the controller type, screen width and height, and IP address settings.
- Reset screen parameters: According to the screen parameters, reset the controller screen parameters.

- Controller IP setting: Set the parameters such as the IP address of the online controller, or set the parameters of the IP address of the controller with only one LAN.
- MAC configuration: After setting IP to stand-alone configuration, set the MAC address. Controller firmware maintenance: upgrade the controller program, FPGA program, receiving card program or multi-function card program.
- Relay configuration: you can directly connect the relay or connect the relay through the VMF multi-function card to implement the relay after related configuration control function.
- WIFI configuration: it is divided into STA mode and AP mode, STA mode is the setting that the controller connects to the external WIFI network, and AP mode is the controller used as a hotspot to connect the computer to the controller WIFI.
- Server Settings: Set the server port, turn on and off the server.
- Time calibration: complete the time calibration with the time chip in the controller. Brightness: Set the brightness of the screen.
- Volume: You can adjust the volume of external audio or video equipment.
- Turn on: turn on the screen. Shutdown: Turn off the screen.
- Timing switch: you can set the time of turning on and off by yourself.

4) Advanced

Advanced(A)	Group(G)	Language(L)
Bulletin m	nanage	
Log mana	igement	
Check the	e screen state	
Switch the	e storage me	dium 🔸
IO config	uration	
Set logo c	onfiguration	
Set screen	debug	
Set IP disp	olay flag	
Set outpu	t type	
Set working	ng mode	
Multi-scre	een synchron	ous display
Network t	ime server	
Set APN		
Font man	age	
Switch lar	nguages	
Screen mo	onitor	
Extending	the protocol	Ļ
Change p	assword	
User man	age	
Cloud bac	kup	

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Advanced menus include: log management, status query, switching storage media, logo configuration, LED tag configuration, IP tag configuration, pin configuration, setting output mode, setting working mode, multi-screen simultaneous display, setting network timing, setting access point (APN), font management, switching languages, screen monitoring, JTC special configuration, password modification, user management, cloud backup, quick screen adjustment and certificate management and other operations. 5) Group



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The group menu includes: send programs, reset screen parameters, controller IP configuration, volume, brightness, time adjustment, power on, power off, timer switch, query controller program controller firmware maintenance and other functions. Users can use these functions to achieve Multiple LED screens under different groups perform group operations.

6) Language



After the software is installed, you can change the display language. Support Simplified Chinese, Traditional Chinese, English, Korean, Japanese, French, Russian, Thai, Arabic, German, Spanish, Portuguese, Vietnamese, Kazakh, Croatian, Turkish, a total of 16 languages.

7) Help

Click" about" to check the software version.



2. Major tools

By selecting the buttons on the main toolbar, users can directly create new programs, add notifications, create new videos, graphics, subtitles, time, weather, databases, sensors, colorful words, colorful backgrounds, dynamic areas, etc., as well as adjust brightness, School time, USB download and send programs and other operations.



- ♦ Original: The original size of the program editing area is displayed.
- ♦ Adaptation: The program editing area adapts to the size display.
- ♦ Preview ratio: adjust the size of the program editing area.
- Aaximum width: The width of the selected area is maximized, the same width as the editing area.
- Maximum height: The height of the selected area is maximized, which is the same height as the editing area.
- Maximized: The selected area is maximized and equal to the editing area.

Basic setting

Connect the device

Connect the computer to the controller and the receiving card ,take BX-Y2 as example:

LED Screen





Add screen

 Open the "LEDSHOWYQ 2018", click the "setup" --" set screen parameters" --password" 888" --go to set screen parameters interface then, click the "find" button then go to "add screen " interface as below:



reen list	Screen Parameters Com C	aufiguration Connect Configuration		
	Screen Parameters Scan Co	Connect Configuration		
Group-1	Screen Name			
	Screen-1			
	Install Address		BX-	Y2L
	Series	Туре		
	Y series	▼ B×-Y2L ▼	and and	A A A A A A A A A A A A A A A A A A A
	Width	Height	R	
	512	384		1
	IP Address		1	
	192 158 0 200	IP configuration		
	132.100.0.200	In configuration		
	Barcode		Control area	1024*256
			Max width	4096
			Max height	2048
	Cross	Parameters i	read-back	Set parameters
		Find	d I	Close

2. Click the "online card list" then click the fresh button ,bind the online controller with the screen ,then the screen will be added into the list ,then click add to finish the setup.

Online card lis	t		
COY200180	6140001 19 ~	2	
		BX	- ¥2
Series	Туре		
YQ series 🛛 👻	BX-YQ1(G)-75		11 1
Width	Height	8-	100
256	384 🗘		9.
IP Address			
192 . 168 .	0.79	Control area	10244600
Screen Name		Max width	8192
		Max height	2048
Install Address		The second secon	2040
ВХ-Ү2			
	t.		

Select the" add all screen" then will finish add all online controller with screens.

Online card lis	st		
 COY200180 	06140001 19 ~ 🖸		
		BX	-Y2
Series	Туре		
YQ series 🛛 👻	BX-YQ1(G)-75		11
Width	Height	8 - 2	100
256	384		2.
IP Address			
192.168.	0 . 79	Control area	1024*600
Screen Name		Max width	8192
		Max height	2048
Install Addres	5		
BX-Y2			
	1		202
Add all screen	n .	Add	Close

n List	Screen Parameters Scan Co	onfiguration Connect Configuration		
∃- Croup-1	Screen Name			
Screen-2	Screen-4			
	Install Address	BX-	Y2L	
	Series	Туре		
	Y series	▼ BX-Y2L ▼	Setting the setting of the setting o	and A
	Width	Height		and the second s
	512	384		600
	IP Address		1.00	
	192.168.0.206	IP configuration		
	Barcode			
			Control area	1024*256
			Max width	4096
			Max height	2048
		Derameter	read-bark	Sat noromatars
		Parameters	d	Set parameters

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Controller IP configuration

Step 1Step 2

Click the "setup" --" IP configuration" as below



Step 2Step2

Input password 888



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Step 3

In the "Online IP configuration" interface ,select the screen which need modify IP ,then select the IP obtain mode ,then click "settings" as shown in picture :

Select the controller need to modify IP

IP configuratio(C0Y20018061	40001 / Y) X
Online card list	
C0Y2001806140001 192.1	68.18.79 ~ 0
0	
Automatically obtain IP ad Automatically obtain IP ad	dress
O Use the following IP address	ess:
IP Address	Subnet Mask
192 . 192 . 192 . 192	192 . 192 . 192 . 102
Gateway	DNS
192 . 192 . 192 . 192	192 . 192 . 192 . 19z
Port	Install Address
5005	
iLEDCloud	
Ohina	🖱 International
Server IP Address	Server Port
139 . 196 . 231 . 196	3800
FTP server IP address	FTP server port
139 . 196 . 231 . 196	2121
User name	
	Settings
	octangs toose

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Set screen parameters

Step 1 Step 1Click "setup" --" set screen parameters" as shown in picture:



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Step 2 Step 2

Input password"888", then click "OK" as shown in picture :



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Step 3 Step 3

In the screen parameters setup interface, select the controller model according to the screen parameters, as shown in picture :

een List	Screen Parameters Scan Conf	iguration Connect Configuration		
Group-1	Screen Name			
Screen-2	Screen-1			
	Install Address		BX-	Y2
	Series	Туре		
	Y series 🗸	• BX-Y2 •	375	and A
	Width	Height	1	
	1024	600		60
	IP Address		5	
	192.168.0.200	IP configuration		
	Barcode			
			Control area	1024*600
			Max width	8192
			Max height	2048
	Cross	Parameters	read-back	Set parameters

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Step 4Step 4

Set the controller height and width according to the screen size, as shown in picture :

creen List	Screen Parameters Scan Config	guration Connect Configuration		
Group-1	Screen Name			
Screen-1	Screen-1			
Screen-3	Install Address	BX-	Y2	
	Series	Туре		
	Y series 👻	B×-Y2 ▼		and A
	Width	Height		
	1024	600		CIE
	IP Address			
	192.168.0.200	IP configuration		
	Barcode			
			Control area	1024*600
			Max width	8192
			Max height	2048
	Cross	Parameters r	ead-back	Set parameters
	×	Fine	1	Close

WIFI Configuration

Y serious controller support two WIFI mode:AP mode and SAT mode, no need to connect with cable ,easy to use (if computer can't support wireless network card ,pls prepare one USB wireless network card)

1. AP mode (controller as hot spot, connect the computer to the controller WIFI)

Step 1

Open computer network connection, controller hot spot name will be default as the controller bar code , click the " connection" as shown in picture :



Step 2

Input network security secret key ,the original password is: the last 8 numbers of the bar code on the controller, then click "next step", the computer will connect with the Y controller WIFI, as shown in picture



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Step 3

Computer connect with the controller WIFI hot spot ,then click the LedshowYQ 2018 to add screen ,edit program and sending program etc.

Step 4

User can modify the hot spot name and password if not easy to

remember the default hot spot name. In the "setup" --" WIFI AP configuration" Input password" 888", then input the new WIFI name and password, other keep default, then click "settings" will be OK. As shown in picture (notice: the hot spot name must be English, password only support numbers, letters, the length should be 8-32 numbers.)

Users if don't use the controller wifi, then can click disconnect wifi, then controler wifi will be closed, then users will not search the WIFI.

	• 🖸
WiFi	
Ssid	Password
Automatically obtain IP Use the following IP as	address ddress :
IP Address	Gateway
192.168.1.200	192 . 192 . 192 . 192
Subnet Mask	Port
192 . 192 . 192 . 192	5005
Server mode	
Ohina	International
Server IP Address	Server Port
192 . 192 . 192 . 192	8009
FTP server IP address	FTP server port
192 192 192 192	8009
102 - 102 - 102 - 102	
User name	

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2. STA mode (controller connect to the WIFI network) Step 1

Select the "WiFi" tab and click the "Refresh" button in the lower left corner. After a few seconds, all the wifi names will be displayed under

the WIFI list. Get IP address "or manually fill in the IP, click the" Connect "button in the lower right corner of the interface, you can connect to this wireless wifi.

Online card list	
CDY2001806140001	1 192.168.18.79 🗸 🖸
WiFi	
TP-LINK_59D8	
Ssid	Password
P-LINK_59D8	
ITPLAddress	周天 · · · · · · · · · · · · · · · · · · ·
Use the following	IP address :
ITPLAddress	冠关
192 . 168 . 19 .	79 192 . 1012 . 192 . 192
	5005
255 . 255 . 255 .	0
Server mode	
🐵 China	International
Server IP Address	Server Port
192 . 192 . 192 .	192 8009
FTP server IP addre	FTP server port
192 . 192 . 192 .	192 8009
Refresh	Connection Disconnect

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Step 2

After successful connection, unplug the YQ controller network cable. Connect the computer to the same wireless router, either network cable access or WiFi access. In this way, LedshowYQ 2018 software can
communicate with YQ control card normally.Scan configuration

Scan configuration

In the "Setting Screen Parameters" interface, click the "Scan Configuration" tab to enter the scan configuration interface. As shown in the figure below, the user can select "Module Parameters", "Receive Card Load", "" Related settings such as "performance setting", "gamma correction", "white balance adjustment", "smart scan", and more settings.

reen List	Screen Parameters Sca	n Configuration Connect	Configuratio	n		
Group-1 Screen-1 Screen-2 Screen-3 Screen-4	Module parameter Module size 16W X 16H Color channel	Driver chip General chip Data Polarity	Row decode 138 OE Polarity	mode	Scan mode 1/16 Module cascade direction From right to left	Select modules
	Receiver card load Width 128 <=327	Height 128	<=512	🛄 Supe	er-large load 192*1024 256*;	768 384*512
	Performance settings Display Mode Refresh rate priority	Brightness mode	_	Gray sc 4096	ale	Visual refresh rate
	Shift clock	Duty ratio	•	Row bla 20	anking time	Accelerate rate
	No signal Last frame 💌	Clock phase	•	Data gr Norma	oup I T	Frame rate 60 Hz
	Brightness 70.73%	Minimum OE				
	Gamma 2.8 🐳 🗸 Onu Restore default parameters	e from gray 📄 Bright mode 🥚	Advanced	White Red	balance adjustment Green 00 🔹 % 100 🗟 e setting 💌	Blue % 100 🔷 १ Set scan
						Close

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1. Load scan mode

 After setup the scan configuration, then should click -- " select modules"

en List	Screen Parameters Scar	n Configuration Conner	ct Configuration		
🛅 Group-1	Module parameter			*	
	Module size	Driver chip	Row decode mode	Scan mode	Select modules
	16W X 16H	General chip	138	1/16	
Screen-3	Color channel	Data Polarity	OE Polarity	Module cascade direction	Load from file
	R - G - B 🔻	Positive 🔻	Low	From right to left 🔹 🔻	Smart scan
	Receiver card load				
	Width	Height			
	128 <=327	128] <=512 🕅 Sup	er-large load 192*1024 256*	768 384*512
	Performance settings				
	Display Mode	Brightness mod	le Grays	cale	Visual refresh rate
	Refresh rate priority 🔻	Normally brigh	t 🔻	▼	480
	Shift clock	Duty ratio	Row b	anking time	Accelerate rate
	15.63 💌	50.0%	▼ 20	A V	8
	No signal	Clock phase	Data g	roup	Frame rate
	Last frame 💌	0	▼ Norm	al 🔹	60 Hz
	Brightness	Minimum OE			
	70.73%	20			
	Gamma		White	e balance adjustment	
	 	from gray 🔲 Bright mode	Advanced	d Green 100 🕀 % 100 -	Blue
	Restore default parameters	Save paramet	ers to file Mo	re setting 🔻	Set scan
					Close

 In the select module ,select the module info in the "module brand and module list ,then click ok ,then go to "connect configuration" to upload the parameters to receive card.

Also user can download the configuration file from cloud, only click

the "synchronous module list from network" will be ok.

Select modules		ar Tag	X
Module brand / Scan list	Classification	Module list	
Scan list	Default group	2 aŭ	<u>^</u>
Full Color	32 Scan	3.1	
Single and double color	16 Scan	3.2	=
Module brand	8 Scan	5.0	
Leyard	4 Scan	5.1	
Unilumin	2 Scan	5.2	
GKGD	E Static	5.3	
CAILIANG		5.4	
QiangLi		5.5 SM5266P	
ТееНо		5.6	
HOOZOE OPTO		5.7	
Scree		5.8	
Huaxia		5.9	
Royal Display		6.0	
HELILAI		6.1	
LightColor		6.2	
Hatress		6.3	
Watson		6.4 SM5266P	
⊔xDisplay	-	6.5	-
Driver chip General chip	Select driver chip	Synchronize module list from network OK Car	ncel

Screen List	Screen Parameters Sc	an Configuration Conr	nect Configuration			
分组-1 └──	Standard connection Col count Row count 1 1		Copy screen	Display connector ⊐ 11 11 11 12 Z		
	1 Rxc: H:72				No. 1 ÷ Width 72 ÷ Height 72 ÷ Empty card Data group expa	II
	Custom network por	t output Custom	Load spec	fied receiver card 🔻	5et connection	
	~				Close	

- Scan mode: full color module can select the 1/32、1/16、1/8、1/4、1/2、static and other mode .indoor dual color usually is 1/16, indoor full color usually is 1/8, outdoor dual color normally is 1/8, outdoor full color normally is static scan mode.
- ◆ Color channel: select the R-G-B、R-B-G、G-R-B、G-B-R、B-R-G、 B-G-R。
- Data polarity: positive and negative polarity, if select the negative ,the screen will display anti-white.
- OE polarity: high polarity and low polarity.
- Module cascade direction:from left to right, from right to left,from top to bottom,from bottom to top
- Chip model: LED driver chip ,default is common chip, user also can select the specified chip model.

2. Smart scan configuration

When users don't sure to use which scan mode, then can select the "smart scan configuration"

Step 1

Click "smart scan configuration" --" smart setup wizard-1" to set the parameters.

• Screen type: single color dual color and full color

- Module width: user can input the module width according to the LED screen total pixel for one line
- Chip type: default is general chip ,also can specified the LED screen chip.
- Row decode mode: including no decode, 138 decode, 74HC595 decode and RT5958 decode, usually select138 decode.
- Empty points: when use empty points ,can input the empty points numbers.
- Module cascade direction:receiving card connection direction :from right to left ,from left to right,from top to bottom,from bottom to top.

After setup, pls click "next step"

Screen type	Module width	Driver chip	
Full color 🔹	16 🚔	General chip	Select driver chip
Row decode mode	Empty points		
138 🔻	0 🌲		
odule cascade direct	ion		
From right to let	ft (🖱 From left to right	
🔘 From top to bot	tom (🗇 From bottom to top	
Module width mu abnormal!	st be the actual widtl	h of the module, other	wise screen will display

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Step 2

In the "smart setup wizard-2" to set the parameters as shown in the picture.

ocreen changes	
Status autor	natically changes one time every 4 seconds, observe the LED module ir
— display state	to choose right answer
01 02	
Display status	State 1 display black, state 2 display white

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Click "1", check the LED screen display black or white, then click the "2", then check the screen is black or white, if user want to check the screen variation, can select the "staus automatically changes one time every 4 seconds ,observe the LED module in display state to choose right answer "then click "next step" **Step 3**

Click "1", check the LED screen display black or white, then click the "2", then check the screen is black or white, if user want to check the screen variation, can select the "staus automatically changes one time every 4 seconds, observe the LED module in display state to choose right answer " then click "next step"

5creen changes	
Status autor	natically changes one time every 4 seconds, observe the LED module in
display state	to choose right answer
01 02	
Display status	State 1 to 2 low brightness
	Previous step Next step Cancel

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tep 4

Click "1" ,check the LED screen color ,then click the "2" to check the screen color, if user want to check the screen variation ,can select the "staus automatically changes one time every 4 seconds ,observe the LED module in display state to choose right answer " then click "next step"

icreen changes		
Status automaticall	y changes one time every 4 seconds, observe the LED mo	odule ir
display state to the	use right answer	
Display status 1	Red	•
🔵 Display status 2	Green	-
🗇 Display status 3	Blue	•
🔵 Display status 4	Black	•
		h
	Previous step Cancel	

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Step 5

Set the lights up number of rows ,then click the "next step"



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Step 6

Count the LED screen lights up the number of rows ,then click "next step"

ici een chan	ges			
creen lights	s up the number	of rows		
	1			
<i>c</i>			Capcal	
10	INCOLUCIE CECEL			

Step 7

Set the module scan mode as shown in picture , then make coordinates as shown in picture, click "reset "then save the scan mode .

Smart setup wizard-7	No. of Concession, Name		23
Tip: Watch the highlights on the module,	click the corresponding coordinates by mouse, if err	or click can click on the 'Back' button to back a pixel, or click the 'Re	set' button to restart
1 2 3 4 5 6 7 8 9 10 11	12 13 14 15 16		
13 193 194 195 196 197 198 199 200 201 202 203	8 204 205 206 207 208		
14 209 210 211 212 213 214 215 216 217 218 219	220 221 222 223 224		
15 225 226 227 228 229 230 231 232 233 234 239	236 237 238 239 240		
16 241 242 243 244 245 246 247 248 249 250 25	1 252 253 254 255 256		
17 257 258 259 260 261 262 263 264 265 266 267	1 268	~	
18 273 274 275 276 277 278 279 280 281 282 283	Prompt		
19 289 290 291 292 293 294 295 296 297 298 29	J 300		
20 305 306 307 308 309 310 311 312 313 314 31	Smart settings has be	en completed such as the display can	
21 321 322 323 324 325 326 327 328 329 330 33	1 332 1 not display properly, plea	se re-run the <smart setting="">.</smart>	
22 337 338 339 340 341 342 343 344 345 346 34	1 348		
23 353 354 355 356 357 358 359 360 361 362 363	364		
24 369 370 371 372 373 374 375 376 377 378 37	1 380	(
25 385 386 387 388 389 390 391 392 393 394 39	396	WDAE	
26 401 402 403 404 405 406 407 408 409 410 41	1 412)	
27 417 418 419 420 421 422 423 424 425 426 42	428 429 430 431 432		
28 433 434 435 436 437 438 439 440 441 442 44	i 444 445 446 447 448		
29 449 450 451 452 453 454 455 456 457 458 45	1 460 461 462 463 464		
30 465 466 467 468 469 470 471 472 473 474 479	476 477 478 479 480		
31 481 482 483 484 485 486 487 488 489 490 49	492 493 494 495 496		
32 497 498 499 500 501 502 503 504 505 506 503	508 509 510 511 512		
			•
		Previous step	Cancel
			<u> </u>



3. Receiver card load

Set the width and height of the receiving card. Users can refer to the recommended width and recommended height of the receiving card in the software. The C version of the receiving card ticks "support super large loading 192 * 1024 256 * 768 384 * 512", this function It is the best choice for bar KTV and night show LED display.

lth		Height		
3	<=205	128	<=1024	Super-large load 192*1024 256*768 384*512
		1076		

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4. Performance settings

Performance parameter configuration: set the receiving card display mode, brightness mode, gray scale, visual refresh rate, shift clock, duty radio, line blanking time, refresh rate, no signal display, clock phase, data group, gamma Correction, white balance adjustment, etc.

Display Mode	Brightness mode	Gray scale	Visual refresh rate
Brightness priority 🔹	Normally bright 👻	4096 🔹	240 💌
Shift clock	Duty ratio	Row blanking time	Accelerate rate
15.63 💌	50.0%	20	4
No signal	Clock phase	Data group	Frame rate
Last frame 💌	0	Normal 🔻	60 Hz
Brightness	Minimum OE		
87.38%	12		

- Display mode: there is refresh priority and brightness priority .high refresh mode :use phone or camera will take good display effect ,but brightness is lower .usually indoor use we recommend use this mode .
- Brightness mode : common mode ,lower brightness ,high brightness

Gray scale: including 1024、2048、4096、8192、16384、 32768、65536, if the gray level is higher ,the picture will be better.

- Row blanking time: this parameter is mainly for scan screen afterglow, if afterglow is more, can increase this value to adjust, shortest is 5s, longest is 400s. can set this value by yourself.
- Visual refresh rate: this parameters is higher , the display effect will be more stable.
- Accelerate rate: the value is higher ,the visual refresh rate will be higher ,the brightness will be lower.
- Shift clock: this value is bigger ,the width is bigger ,but this

value is too high the screen will be blinking.

- Duty ratio: if modify this data ,can make higher clock to the scan shift clock ,usually is 50%.
- Clock phase : the relative relationship about the shift clock and shift data ,sometimes display picture have the blinking or dislocation ,adjust this value can solve problem.
- Max width: the receiver card control width value.
- Brightness : the receiver card brightness efficiency
- Min OE width: user can manually set the Min OE width.

5. Gamma

User can select the "Gamma" then input value, then select the "one from gray"

6. White balance adjustment

When user want to use dark color ,can use this function to modify the value ,if value is bigger ,then the color will be darker.

7. Advanced configuration

User can use the advanced function in the "display parameter configuration" interface as shown in picture 。

- Wrap time: match with the line blinking time, adjust the scan screen afterglow
- Signal polarity: high and low polarity
- After glow control start and end:matching with the line blanking time and change line time ,adjust the scan screen afterglow.

w control signal	
Afterglow control start	Afterglow control end
0	10
ļ	w control signal Afterglow control start 0

8. Chip configuration

When select some of the module chips, select the "advanced" then will display the chip configuration, pls contact with factory for more professional operation.

Gamma	
	gray 🗌 Bright mode 💿 🗌 Advanced

Connection configuration

In the "set screen parameters configuration" click "connect configuration" as shown in picture ,user can set the vertical receiver card quantity and the receiver card quantity ,height ,width and related parameters. Finally click "load specified receiver card" will be OK.

By Parameters Setting (Group-1/S	creen-	-1)						
Screen List	Scre	en Parametei	rs Scan Config	uration Con	nect Configurat	ion		
Group-1	O S	tandard connec	tion 💿 Compl	ex connection	Copy screer	ı	📝 Display connecto	r
Screen-2	Col	count Row co 2 🚑 2	punt	0	Reset	S2U) UUUU E	Z
Screen-4		1	2	/				
	1	Rxc: W:128 H:128	Rxc: W:128 H:128					
	2	Rxc: W:128 H:128	Rxc: W:128 H:128					No. 1 (*) Width 128 (*)
	-							Height 128 📮 🚺 Empty card
								Data group expansion Output offset
	[Custom netw	ork port output	Custor		Load specified rec	eiver card 🔻	, Set connection
								Close
Establishing the communication of t	he cor	troller failed						



One receiver card control width is 384,height is 256,so when the LED screen width is 512,height is 96,if one receiver card width is not enough,height is surplus,then we suggest use the "data group expansion" function .

Output mode: Default is normal output ,select two split ,three split ,four split mode .2 split mode is cut half of the receiver card height ,twice width of the receiver card ,3 split is cut 1/3 of the height ,increase 1/3 width, 4 split is cut 1/4 of height ,and increase 1/4 of the width .

Output extension : 16 sets of data mainly used on V75L, 24 sets of data mainly used for V75.After setup ,pls click "OK" .



If user use many receiver card ,then need set cascade the receiver card direction as shown in picture , click "custom" then select the receiver card direction .

扱 Parameters Setting (Group-1 / So	reen-	1)							
Screen List	Scre	en Parameters	Scan Configu	ration Con	nect Configura	tion			
Croup-1 Cr	Colu	count Row cou 2 💽 2	n 🗇 Comple nt	x connection	Copy screen) 552(♥ Display cor	nnector	
Screen-4	1	1 Rxc: W:128 H:128	2 Rxc: W:128 H:128						No.
	2	Rxc: W:128 H:128	Rxc: W:128 H:128						1 🔶 Width 128 🖈 🚍 Height 128 🛋 💵
									Empty card Data group expansion Output offset
	[Custom netwo	k port output	Custor	n	Load specified	receiver card 💌	Set	connection
									Close
Establishing the communication of th	e con	troller failed!							

If user need adjust the data group contens can use the "output swap" as shown in picture 55, user can select "manually set ", in the output list can select the data group Number , also user can use "odd even swap" " reverse order" " apply to all receiver card" if wrong setting , can click the "reset " to modify .after setup , pls click "OK."

	Offset	A Assessed in a bar analysis of dista
Output 1	0	According to group ealtin
Output 2	0	C According to line editing
Output 3	0	
Output 4	0	
Output 5	0	
Output 6	0	
Output 7	0	
Output 8	0	
Output 9	0	
Output 10	0	
Output 11	0	
Output 12	0	
Output 13	0	Reset
Output 14	0	
Output 15	0	
Output 16	0	
Output 17	0	
Output 18	0	
Output 19	0	
Output 20	0	
Output 21	0	
Output 22	0	
Output 23	0	
Output 24	0	-

When user want to adjust the data group contents of the receiver card ,pls click "output offset" as shown in picture 56,user can select the "edit output offfset value" ,also user can select "edit by lines" in the offset list ,set the offset value ,if set wrong value can modify by "reset" button .after setup ,pls click "OK "

	Offset	A Annualization in and a second
Line 1	0	
Line 2	0	According to line editing
Line 3	0	
Line 4	0	
Line 5	0	In the data group, the maximum number of rows is
Line 6	0	384 rows.
Line 7	0	
Line 8	0	
Line 9	0	
Line 10	0	
Line 11	0	
Line 12	0	
Line 13	0	Reset
Line 14	0	
Line 15	0	OK
Line 16	0	
Line 17	0	
Line 18	0	
Line 19	0	
Line 20	0	
Line 21	0	
Line 22	0	
Line 23	0	
Line 24	0	-

Usually the LED screen output program location value is 0 in vertical and horizontal .user can select "custom network port output" and click "custom" as shown in picture ,step to the

"custom network port output" interface as shown in picture 5. customized the height and width of the program location.

🐼 Parameters Setting (Group-1 /	Screen-1)					
Screen List	Screen Pa	rameters	Scan Configuration	Connect Configuration		
Group-1	Standard Col count	d connection Row cour	i 💿 Complex conne	ction 🛛 Copy screen	📝 Display co	onnector
 Screen-2 Screen-3	2 🌩	2		🕐 Reset 🗄	;250000	122
Screen-4		1	2			
	Rxc: W:12 H:12	28 8	Rxc: W:128 H:128			
	2 Rxc: W:12	28 8	Rxc: W:128 H:128			No. 1 v Width 128 v E
						Height 128 🚽 💵 Empty card
						Data group expansion Output offset
						,,
	Cust	com network	.port output	Eustom	oad specified receiver card 🔻	Set connection
]					Close

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Server configuration

Setup server IP information

Step 1

Controller connect with 5V power supply ,then connect the ontroller with computer by LAN CABLE.



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Step 2 Select "IP configuration " as below



Step 3 Password 168 and click OK.



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Step 4

Enter the "IP Configuration" interface, select "Server Mode", select "Local Server", enter "Server IP Address" and "Server Port", and click "Settings". After 10 seconds, you will be prompted to set the IP information successfully.

Online card list	
	- <u>c</u>
Automatically obtain IP ad	dress
O Use the following IP addre	iss I
IP Address	Subnet Mask
192 . 192 . 192 . 192	192 . 192 . 192 . 192
Gateway	DNS
192 . 192 . 192 . 192	192 . 192 . 192 . 192
Port	Install Address
5005	
✓ iLEDCloud	
🔘 China	International
Server IP Address	Server Port
149 . 129 . 145 . 83	3800 🚔
FTP server IP address	FTP server port
149 . 129 . 145 . 83	2121 🚔
User name	<u>19</u>
:ps://www.iledcloud.com/	Settings Close

Step 5

Click the setting menu and select the "Server Configuration" option, as shown in the figure below. Enter the password "168", enter the "Server Configuration" interface, enter the "Server Port" number, the server port number here is the "Server Port" number entered by Step 4 in the "Controller IP Settings" interface, click "Start Server", Wait for the red icon """ in front of the screen to change to the blue """ to indicate that the server is online, and the server settings are completed.







Controller connect to the wireless router

After set the controller IP ,we should remove the computer network cable ,then connect with router .usually we use two kinds of router ,3G industrial wireless router and 3G/4G industrial router, users can set according to different router model.

1.Connect the 3G industrial wireless router

Step 1

Insert the SIM card to 3G wireless industrial router , connect the receiver then use 5V power to connect with the router , as shown in picture $\ensuremath{\circ}$



Step 2

Network cable connect the controller and router $\ , \$ as shown in picture $\ _{\circ}$



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1.Connect to the BX-4G(U)

Step 1

Insert the sim card to $BX_4G(U)$, after connect the controller ,connect the 5V to router, as shown in picture.



Step 2

USB connect router to BX controller.



Step 3

After controller connect with the 3G/4G industrial router ,if u use the router for network , should check if the router have the " NetSniper" function or not ,must close the NetSniper function ,if not ,the controller can't communicate successfully.as shown in picture .



WEB server communication

All Y series controller can compatible with iLEDcloud server communication ,user can control or monitor any display screen anywhere.

1.Setup WEB server

Open "LedshowYQ 2018", input password "168" then select iledcloud --international, then user name input iledcloud account, others will be default as shown below:

Online card list	
	▼ 0
Automatically obtain IP ad	dress
🗇 Use the following IP addre	955 :
IP Address	Subnet Mask
192 . 192 . 192 . 192	192 . 192 . 192 . 192
Gateway	DNS
192 . 192 . 192 . 192	192 . 192 . 192 . 192
Port	Install Address
5005	
🔽 iLEDCloud	
🔘 China	International
Server IP Address	Server Port
149 . 129 . 145 . 83	3800 🚔
FTP server IP address	FTP server port
149 . 129 . 145 . 83	2121 🚔
User name	
ps://www.iledcloud.com/	Settings Close

2. log into iLEDcloud

input website link: www.iledcloud.com, loglog into the iledcloud information management platform, as shown in the picture :



When the controller is online, if the device has been successfully connected to the network, the user can directly see all the control cards that the user has bound in "Screen Management" under "Resource Management", and can also see the status of each control card. Parameters such as device ID, device name, screen width, height, and online status. can be clicked if you need to modify the screen name or screen parameters. The green icon under the "Online" column indicates that the controller is online.



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3. Create new program

Switch to the "program "--" program edit" --" create new program " then write the manufacture and products name ,then select the device and click "finish" as shown in

① Home > Program > Program Edit > Create New Program	
Content @Playlist Q Sc Manufactory:	
Image: Arrow of the state	

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4. Add program

After create the program ,in the program page ,user can add multi area,picture ,video ,text ,after edit ,pls click "save" , as shown in picture 。



5. Edit program

After edit the program ,in the program page ,user can add after edit ,pls click "save", as shown in picture .

///

il 💼	LEDCloud多媒体信息	沛平台v2.2.2	切換到简易版 🕠	β¢	799年 -
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6.Send program



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After approved the program successfully ,click

"program" --" program release " find the released program (program name or ID)as shown in picture 。

ILED ILEDCloud多媒体信息发布平台v2.2.2								切换到简易版	Ģ	ê ¢		AIB188 -
₽((
		可用 名称 ■ 名称	众 度	所	生位置	备注 新森	Q 【	<mark>る</mark> 属 数				
۲		▼■分组:(1)		, and a				二				
<u>hi</u>		☑ 屏幕86			上海-上海-徐汇-	上)在线: 64x32:100%		æ				7#
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							←上一歩	发布→ 长				
								- X7				

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ADD PROGRAM STEPS

EXAMPLE

Add program

1. Add program

Add area then add program ,user can add program ,picture ,subtitle ,video,time ,weather or sensor and database area, as shown in picture :



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• **Notification zone:** In order to add a piece of notification text, it is mainly used for the notification inserted in the program.

• **Video zone**: Can add and play a full range of video format files, and supports high-definition video and playback of signals input by external video capture devices. Such as: camera, camera, TV card, DVD player, etc.

• Picture zone: add and play video, picture , text, table、txt、word、excel、 flash、 gif etc.
- Subtitle zone: add one line simply format word
- Time zone: display time/dial/lunar/ timer count up/timer count down
- Weather zone: support all area weather value
- Sensor zone: display temp、humidity, noisy, water, liquid and PM2.5 value, PM10 value, wind speed, wind direction, atmospheric pressure, light, negative ion and TSP value.
- Database zone: visit mysql or sqlserver, display specified data content of the database.

2. Program attribute

Name	Meek Setun	Background color Background music Gy 50
 Order Play Play Time times \$	Mon. Tues. Wed. Thur.	4 1 1 X
Play Aging 2020-05-28 🛃 2021-05-15 🚔	Play Period 00000 23:59:59	

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- Program name: edit program name
- Orderly play: after play this program ,then turn to next program
- Play time: set play time ,after this time setting ,then turn to next program
- Play aging: play program during the setup time.
- Play period: play program during the start time and end time.
- Week setup: play program during the setup week
- Music background: Check the background music, you can add multiple mp3 format music as the background music of the program, the volume selection range is 0 ~ 100.

Add picture zone

1.Add picture zone

Add Some ,user can click "edit" in the menu to add picture zone also .after add the picture zone ,add file to display as shown in picture , after add picture ,the LED screen and preview area will display at same time ,then user can modify the program as needed. User can use the tools to modify the picture size and location.



2. Picture zone attribute



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 name: user can distinguish file name by this ,can modify by manual.

• X: file left up corner to the LED screen left boarder location , unit is pixel.

• Y: file left up corner to the LED screen up boarder location , unit is pixel.

- Width: file area width ,unit is pixel
- Height : file area height , unit is pixel

• Display effects: default is random, the display effect : quick type, static display, continuously move up /move down/move left/move right, push up , push down and so on.

- Display speed : display speed is from 1-16, 1 is fastest.
- lacksquare
- Residence time: stay time from1s-128s,1s is the shortest time.
- Window alpha: File area alpha from 20%-100%, 100% is opacity

• Background transparent: select here ,the background will be transparent

Finish program edit

After the up steps , if want to add other program , just follow the same steps is ok , after finish the edit program , pls remember to save into the DISK, click menu--save play files.

Play program

If want to display the current program, click , then the preview window and screen will display program at same time , if want to play different program file, open the program file and play is OK.

AREA EDIT USER MANUAL

Add notification

The notification is mainly used for emergency notification information inserted during program broadcasting.

1.Add notification content

Click the main toolbar button in to add one or more notifications. Edit the notification content directly in the edit box of the notification properties area. Users can set display attributes such as play period, text font, font size, text color, background color, and transparent background.



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2. Notification attribute

In the notification properties area, you can set the display position, width, height, display effects, running speed, dwell time, and whether to display text on the screen. And can choose whether voice broadcast, voice playback sound type, digital reading, playback interval, broadcast volume and so on.

Name	Play Period	Transparent background	✓ Text display Display effects	Voice broadcast	
Emergency notice	0.00.00	Arial 🔻 12 🚔 🗌	Continuously Mo [.] 🔻	male standard	
× Y	Please note that there a	will be a meeting at 2 pm th	is Display speed	Digital reading	*
Width Height			Stay time(s)	Interval(s)	
512 🚔 32 🚔			0	0 🔄 🖾 — I-	50

80

3. Play/delete notification

After everything is set, click the Send button **BE** to play the notification, select "Notification", click the right mouse button, and click "Delete" to delete the notification.

<u>Play video</u>

1.Add video

Click the main toolbar button **See** and choose to add video, high-definition video or webcast. Or the user can create a new video through "Add Video Area" under "Edit" under the menu bar. LedshowYQ software supports all video formats: rmvb, mp4, flv, mpg, vob, mkv, f4v, mpeg, etc.



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2. Video attribute

Add the attributes of video or high-definition video files to change the zoom mode, width maximization, height maximization, video maximization, video angle rotation, video progress, video volume, video transcoding, respectively.

- Zoom mode: You can select original, adaptive or directly drag to adjust the window ratio.
- Maximum width: maximize the width of the video playback window.
- Maximum height: maximize the height of the video playback window.

- Video maximization: maximize the video playback window.
- Video angle rotation: Click once to rotate the video playback window by 90 degrees.
- Video progress: Users can drag the progress bar by themselves to fast forward or rewind the program.
- Video volume: change the video file volume 0-100.
- Whether transcoding: When the video on the computer can be previewed and cannot be displayed on the LED screen, you can check transcoding to convert individual special video formats transcoding so that the video can be played normally.
- Delete video: If you need to delete a video, you can click to select the video, and then click the icon to delete the video.



• **Clone video:** select a video, click the right mouse button, select "Clone", you can clone a video that is the same as the original video (requires the original video to play, the cloned video will be played together) As shown below:



• The icon = is the list display mode, and the icon is the preview display mode, as shown in the figure below.



85

Users can add a webcast by clicking the property area button. In the pop-up dialog box, they can add a webcast under "Live Address". Users can add a webcast. Click the property area button first. Add a link to the webcast platform under "Live Address" as shown below. Finally, click

"Add".The link of the station is shown in the figure below. Finally, click "Add".



86

Play subtitle

3.Add subtitle zone

Click \blacksquare to add one or more subtitle ,user also can add subtitle from menu --add subtitle then click \blacksquare to edit the subtitle. The subtitle can be file text or from the text window input.but the subtitle can' t support the enter function.

C:\Program Files (x86)\OM	NBON\LedshowYQ\L	edYQ\resource\preview_pic\rtxt_6	5.rtxt	×
🤒 🖴 🐇 🖷 🛍				
亞 宋体	~ 12 ~ B <i>I</i>		<u>x</u> 0	
onbonbx 上海 仰邦和	料技			~
<	12		58	>
准备就绪	页1	行1	字符 15	
		~=		
		87		

1. Subtitle attribute

- Add²: add new subtitle ,not save the original one
- Open 😐: open*.TXS.
- Save 🗎: save the current file to specified location.
- Font 🔽 : click the list to select different font
- CHARSET GB2312_CHAF : click to select the CHARSET

Font size 10 set the font size ,the value from $8 \sim 200$, user can select in the list or input by manual

- Bold ^B: click to bold the font
- Italic **I**: click to make Italic font
- underline **u**: click to make underline font.
- Font color **•**: click to select font color
- Character spacing Character spacing click to set the character spacing

<u>TIME</u>

1.Add time

Click in the menu, select the time , lunar or timer , also user can select the "edit" --select the time zone , dial zone , lunar zone or timer zone.

2. Time attribute

1)Time zone

After add the "time zone" user can set the time parameters as shown in the picture

Name Time-2	🔘 Single	Multi-line	30/12/2000	Colorful border
X Y 24 2 24 2 Width Height 117 2 64 2	Custom text Font Arial	Time +/- Hour Minute + • • • 12 \mathbf{B} \mathbf{U} \mathbf{E} \mathbf{E}	Monday	Border effects Rotate Clockwise

88

2)Dial zone

After add the "dial zone" user can modify the dial parameters as shown in

picture



89

3)Lunar zone

After select the "lunar zone", user can set the lunar parameters as shown in the picture

Name Lunar-1	💮 Single 💿 Multi-line	V Heavenly Stems	Colorful border
× Y 12 ↓ 12 ↓ Width Height 96 ↓ 60 ↓	Custom text	 Lunar Calendar Solar Terms 	Border effects Rotate Clockwise Border speed 5
	90		

4)Timer zone

After select the "timer zone" user can set the timer parameters as they want .

Name Timer-1		🔘 Single 🔰	Multi-line	Display Unit	Colorful border
×	Y	🔲 Custom text	Target time	Days	Border effects
в 🚖	8		2020-06-28 🚔 18:00:00 🚔	Hour	Rotate Clockwise
Nidth	Height	Font		Minute	Border speed
64 🚔	64	Arial		Second	5

Weather zone

1.Add weather

Click , or user can use the "edit" --" add weather" to add one weather zone.

2. Weather attribute

After add "weather", user can set the weather parameters as

shown in the picture .



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Database

1.Add database Click to add database or user can edit the database in the menu-" edit" --" add database zone"



93

2. Database attribute

Click attribute area Picture, user can select the DB Type,name, IP, password, port, update time and other parameters, then click "enter"

Database type		
sqlserver		į.
Database IP		
130.128.129.127		
User name	Password	
admin	*****	
Database name	Database port 🛛 📄 Update inter	val(s
	1433 📩 5.0	(s)
	Connect Save Cance	el .



User also can write the "database" type in the attribute area, user name and password, database name and port and other parameters. (for example we connect one sqlserver database table , mysql is similar)

First select "sqlserver" in the data type drop-down list, enter the database address, database user name and password, database port number, and save the remaining parameters by default. After the settings are complete, click the icon to connect to the database.

Name		Database type	User name	Password	_	Display effects	
X Y	0	sqlserver	Database name	Database port		Display speed	
Width Height 512 - 384 -		Update interva	l(s)			Stay time(s)	

95

3. Database table attribute

When user connect with the database then click to set the database table .in the prompt page as shown in picture 115 , user can modify the parameters of the database table (here we connect with CUSTOMER table , for example)

🛿 Edit - Database-1				3
SQL				
CUSTOMER(ledshow_porta	D			
Grid Color Line width	Query count	Pow column	Display lines	
1	50 🗘	exchange	1	
Page style				
🗹 Page horizontal	🗹 Page vertical 🛛 🔽 Pa	ge order (first horizontal	l and then vertical)	
Column properties		Font		
⊡ id	Alias	→ 床体 ~ 12	÷ B / U ≡ ≡ ≡	
🗹 user_name	lid	Odd lines Eve	en lines	
∐ company ∏ mobile no	CustomColumn width		Wrap Line automatically	
🗌 email	62 🌲 🗖			
password		The table heade	er display	
_ user_state □ delete flag		Font	Heigh	it :
delete_time		来体 12		1
delete_customer		bgColor Fon	ntColor	
_ create_customer □ is login			Wrap Line automatically	
☐ login_time		Background		
logout_time		Odd lines Eve	en lines	
Ť	•			
				1
			Enter Cance	51

96

• SQL: in the SQL list select one table named CUSTOMER

- Grid color: set the database table color ,here is default.
- Line height: line height for the database gird ,here is default
- Line width: line width for the database gird ,here is default
- Display lines: line numbers or the database gird ,here is default
- Background: user select one of pictures as the database background

• Column property: user can select the "column property" as shown in picture 115, here we select three column name

- Wrap line automatically: after selected, the database gird size and contents will change line automatically
- Column font size: set the column font size ,here is default.
- Bold: set the font size as bold ,here is default
- Italic : set the font size as italic ,here is default
- Underline : set the font size as bold ,here is default
- Left aligned \centered \ right alignment: set the column text alignment to left, center or right alignment.Select the default here.
- Background color: user can set the column odd lines and Even lines background color ,here select the default.

• Column font color: set column font color ,now odd lines select red color ,the Even lines select the blue color

After setup the attribute as shown in picture 116, we wish to named the gird as CUSTOMER, the gird lines is yellow ,line height is 23,line width is 1 ,display the first three columns,the odd lines is red color ,the even lines is blue ,other value is default. In addition, users can adjust the display order in the checked columns, and use the up and down arrows below the list to adjust the arrangement order of the header.



98

After the setting is completed, in the playback window of the main interface of the software, select under the "Advanced" menu, screen monitoring, you can directly preview the contents of the database table, as shown in the following figure. And after clicking "Send", the LED screen can realize the real-time update display of the database table.

Adv	anced(A)	Group(G)	Language(L)
	Bulletin n	nanage	
	Log man	agement	
	Check the	e screen state	
	Switch th	e storage me	dium 🕨
	10 config	uration	
	Set logo a	onfiguration	
	Set screer	n debug	
	Set IP disp	olay flag	
	Set output	t type	
	Set worki	ng mode	
	Multi-scr	een synchror	ous display
	Network	time server	
	Set APN		
	Font man	iage	
	Switch lar	nguages	
	Screen m	onitor	
	Extending	the protoco	6
	Change p	assword	
	User man	age	
	Cloud ba	ckup	
	Quick tur	ing screen	
	Certificati	e manage	



4. Display effect

By	user_name	company	nobile_no
368	1189189189	南昌海神	13732957986
369	tzchending	CDtech. co	13958671810
370	libin7758	临沂办事处李彬	18669698859
371	ningzhudi anzi	德州天星电子科	0534-3288608
372	sergei	555522 gw	555522g .
373	NTPDZ	南阳市支品电子	15537710111
374	danpusen	丹普森光电	15986769296
37 5	aabb	济南	The state of the second s
376	<pre>#fsflcpfxzx</pre>	濰坊市福利彩票	0536-2600209
377	#ffczx	溝坊市福利彩票	0536-2600209
378	abba	内蒙	
379	000000	齐翼	15653603301
380	417730819	郑州办	13525519293
381	guzong123456	山西捷原科贸有	7234691



Sensor display

Add sensor zones by click the روانی .

1.Temperature display

After select "temperature" user can set the temperature value as shown in the picture.

Click 🚔 to check the temp sensor connection method

Name	Sensor type	Sensor interface	Unit	Precision	Correction			
Temperature-1	II-Humiture	On board	• °C	▼ 0 ÷	0.0			
X Y	🔲 Custom text	2	Font					
20 🚔 20 🚔			Andalus		12	В	I	U
Width Height	Normal	Threshold						
48 🚔 24 🚔	>	▼ 35 🚔	2					

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2. Humidity display

After select the humidity ,user can modify the humidity parameters

as shown in picture.

Click ² to check the humidity sensor connection method

Name	Sensor type	Sensor interface	Unit	Precision	Correct	tion		
Humidity-1	II-Humiture	On board	▼ %RH	• 0 🔹	0.0	(A) (V)		
х Y	🔄 Custom text		Font					
16 🚔 16 🌩			Arial		12	÷ 8	I	Ū
Width Height	Normal	Threshol	d 👝					
73 🚔 24 🚔	> •	25 🚔	2					

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3. Noise display

After select the humidity ,user can modify the noise parameters as

shown in picture.

Click ² to check the noise sensor connection method



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4. Liquid display

After select the liquid, user can modify the liquid parameters as

shown in picture .

Sensor type Sensor interface	Unit	Precision	Correc	tion
BX-QX USB-RS485(Dow -	Lux	0	0	
🔲 Custom text	Font			
	Arial	•	12	₿ <i>I</i> <u>U</u>
Normal Threshold				
> - 25 🚔	2			
	Sensor type Sensor interface BX-QX USB-RS485(Dow Custom text Normal Threshold > 25 =	Sensor type Sensor interface Unit BX-QX USB-RS485(Dow Lux • Custom text Font Arial Normal Threshold > 25	Sensor type Sensor interface Unit Precision BX-QX USB-RS485(Dow Lux 0 Custom text Font Arial Image: Custom text Normal Threshold Threshold Sensor text	Sensor type Sensor interface Unit Precision Correct BX-QX USB-RS485(Dow Lux 0 0 Custom text Font Arial 12 Normal Threshold



5. Air quality

After selecting "Sensor", you can select the PM2.5, PM10, wind speed, wind direction, atmospheric pressure, light, negative ion, TSP and other parameters in the sensor type, access position, unit, display accuracy, correction factor, and set whether to display Fixed text, text font, size, bold, italic, underline, alarm condition, normal value display color and alarm value display color.

Colorful words

1.add colorful words

Click the main toolbar button ^{colorful words} to add a colorful text.Click in the colorful word attribute area and directly edit the text in the pop-up edit box. Set display attributes such as text color, background color, font, bold, italic, underline, spacing, etc. The colorful words do not support carriage return and line breaks by default. After checking "Multi-line display", carriage return and line breaks are available.

2. Colorful words attribute

• Display special effects: The special effects are randomly displayed by default, and the specified special effects are displayed after selection. The special effects are: quick play, static display, Special effects such as moving up, moving down, moving left, moving right, etc.

• Operation speed: Admission stunt operation speed is 1-16 level, of which level 1 is the fastest.

• Staying time: The staying time of the entry stunt is 1-128 seconds, of which the staying time of 1 second is the shortest.

• Wave stunt: wave stunt can choose none, horizontal static wave, horizontal moving wave.

• Fluctuation speed: Fluctuation speed is 1-16 level, of which the speed of level 1 is the fastest.

• Peak attributes: There are 1-5 peaks, of which 5 peaks are the most.

• Peak amplitude: Drag the progress bar by yourself to adjust the peak amplitude 0-100, where 0 is basically no jitter, and 100 peak peak jitter is the largest.

Name	📝 🗙 🙈 🖂 Multi-line	Display effects Wave effects
Colorful words-1		Continuously Mov 📕 Horizontal stationar
X Y		Display speed Wave speed
o 🚖 o 🚖		2 2
Vidth Height		Stay time(s) Wave properties
512 🚔 384 🚔		0 2 1

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3. colorful type

Gradient direction: set the direction of the gradual color of the

dazzling characters, which are divided into: horizontal direction, vertical

direction, positive diagonal, opposing angle, and center four corners.

Number of colors: set the number of gradient colors of colorful words,

supporting up to 10 colors.





4. Background

Tick "Enable" to enable or disable the background of colorful text.

Display special effects: Display special effects include 11 special effects such as snowflake, bubble, maple leaf, fountain, ring diffusion, and drop.

Operation speed: The speed of the special effects operation is 1-10 levels, of which 10 levels are the fastest.

Texture: some background display special effects, you can choose different texture patterns.

Movement direction: Set the direction of the background effect movement, there are 8 kinds of up, down, left, right, etc.

Texture size: The size of the texture can be adjusted from 1-10. Texture density: The density of texture can be adjusted from

1-10.

🗸 Enable		
Display effects	Texture	Display size
Bubble 💌	3	10 -
Display speed	Move direction	Display density
6	top 🔻	2

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5.Colorful boarder

Tick "Enable" to enable or disable the border of colorful text.

• **Colorful border:** select the style of the border, and set the thickness value of the border, the thinnest is 1 and the thickest is 8.

• Frame effect: Select the display effect of the frame in the drop-down list.

• **Border speed:** select the movement method of the border effect in the drop-down list, and set the border speed, the fastest is 1, and the slowest is 8.

🚺 Enable		
Border style 8_0	▼ Border speed	

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Dynamic display

1.Add dynamic area

Click 🐺 to add one dynamic area

Click in the property area of the dynamic area, and add the corresponding picture or text file to the pop-up page (the text file only supports UTF-8 encoding).

2. Dynamic area attribute

- Transparent background: When you read the text content, check the "transparent background", the text content will have no background color during playback.
- **Display special effects:** The special effects are randomly displayed by default, and the specified special effects are displayed after

selection.

- **The special effects** : quick play, static display, Special effects such as moving up, moving down, moving left, moving right, etc.
- **Operation speed**: Admission stunt operation speed is 1-16 level, of which level 1 is the fastest.
- **Staying time**: The staying time of the entry stunt is 1-128 seconds, of which the staying time of 1 second is the shortest.
- **Update interval:** Set the update interval time of the dynamic zone.
- **Text properties:** Set the relevant parameters of the text, such as the font, size, color, background color, etc. of the text.
- Click the "Start" dynamic area text or picture will be updated in real time.

Name	🙆 🗙 🏶 📃 🗆 Tran	parent background Display effects	
Dynamic-1	jp8	Random Display 💌	Text properties
× Y 0 • 0 •		Display speed	Start
Width Height	-	Stay time(s)	Update interval(s)
512 🚔 384 🚔		<u>þ</u>	5.0 🚔

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Firmware maintenance

1.Controller firmware maintenance

To make sure the controller software version is compatible with LedshowYQ software, user can maintenance controller firmware firstly, in the "setup" --" firmware maintenance" input password "888", as shown in picture .click "check" to find the connected controller ,then click to update controller firmware ,then click "update" .

rmware maintenance	Receiver card maintenance	Multi function card firmware	
Check the firmware –			
Version	App version	FPGA version	
			Check
Firmware Update			
Firmware Name			
	Version	FPGA version	
Controller Type			
Controller Type			
Controller Type		Group Setup	Update
Controller Type	update controller, FPGA firmwoof the firmware, and please o	Group Setup are, please confirm to match with the c perate this function with the help of tec	Update controller, FPGA chnicists from th

111

2.FPGA firmware maintenance

To make sure the controller FPGA version is compatible with LedshowYQ software, user can maintenance controller firmware firstly ,in the "setup" --" FPGA maintenance" input password "888" , as shown in picture .click "check" to find the connected controller ,then click 🖃 to update controller FPGA firmware ,then click "update" .

Update receiver card firmware Number Image: All Controller type Version Subversion Function Receiver card Status Check the firmware version Please select the valid receiver card in the receiver card query list before Please select the valid receiver card in the receiver card query list before Firmware name C:\Program Files (x86)\ONBON\LedshowYQ\Firmware\Rxc\English\BX_V&V75&V75L(V19) Check Check Driver chip Module type Module cascade direction From right to left Controller type	Status Location reversion
Number Image: All Controller type Version Subversion Function Receiver card Status Check the firmware version Please select the valid receiver card in the receiver card query list before Please select the valid receiver card in the receiver card query list before Firmware name C:\Program Files (x86)\ONBON\LedshowYQ\Firmware\Rxc\English\BX_V&V75&V75L(V19. Driver chip Module type Module type Module cascade direction Firmwish to left From right to left	Status Location re version ry list before upgradir
Check the firmware version Please select the valid receiver card in the receiver card query list before Firmware name C:\Program Files (x86)\ONBON\LedshowYQ\Firmware\Rxc\English\BX_V&V75&V75L(V19. Check Driver chip Module type Module cascade direction General chip Controller type	re version ry list before upgradir
Check the firmware version Please select the valid receiver card in the receiver card query list before Firmware name C:\Program Files (x86)\ONBON\LedshowYQ\Firmware\Rxc\English\BX_V&V75&V75L(V19, Check Driver chip Module type Module cascade direction General chip Full color From right to left Controller type	re version rry list before upgradir
Check the firmware version Please select the valid receiver card in the receiver card query list before Firmware name C:\Program Files (x86)\ONBON\LedshowYQ\Firmware\Rxc\English\BX_V&V75&V75L(V19. Check Driver chip Module type Module cascade direction General chip Full color Firm right to left Controller type	re version ry list before upgradir
Please select the valid receiver card in the receiver card query list before Firmware name C:\Program Files (x86)\ONBON\LedshowYQ\Firmware\Rxc\English\BX_V&V75&V75L(V19. Driver chip Module type General chip Full color Controller type	ry list before upgradir
Please select the valid receiver card in the receiver card query list before "irmware name C:\Program Files (x86)\ONBON\LedshowYQ\Firmware\Rxc\English\BX_V&V75&V75L(V19. Priver chip Module type Module type Module cascade direction General chip • Full color • Controller type From right to left •	ry list before upgradir
Firmware name C:\Program Files (x86)\ONBON\LedshowYQ\Firmware\Rxc\English\BX_V&V75&V75L(V19. Driver chip Module type Oriver chip Module type General chip Full color Controller type From right to left	
Firmware name C:\Program Files (x86)\ONBON\LedshowYQ\Firmware\Rxc\English\BX_V&V75&V75L(V19. Driver chip Module type General chip Full color Form right to left Tontroller type	
C:\Program Files (x86)\ONBON\LedshowYQ\Firmware\Rxc\English\BX_V&V75&V75L(V19. Check Driver chip Module type Module cascade direction General chip Full color From right to left Controller type	
Driver chip Module type Module cascade direction General chip ▼ Full color ▼ From right to left ▼ Controller type From right to left ▼	k Update
General chip ▼ Full color ▼ From right to left ▼ Controller type	
Controller type	•
Controller type: BX-V75L (BX-V Rev.A. Version: V18071703	
Controller type: BX-V75 Rev.A, Version: V18071703	
Controller type: BX-V75L/BX-V Rev.B, Version: V18040803	
	T
Controller type: BX-V75L/BX-V Rev.B, Version: V18040803 Controller type: BX-V75/V75L/V Rev.C. Version: V19110303	

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3. Multi- function card firmware

On the "Controller Firmware Maintenance" interface, select the "Multifunction Card Program Maintenance" tab, as shown in the figure below. First click "Inquiry" to find the connected multi-function card, then click the icon after the "program name", select the corresponding multi-function card upgrade program in the pop-up dialog box, and finally click "Update" to complete the receiving card Update.

Check multi function card Check the firmware version Check the firmware version Check Update multi function card firmware Firmware name Controller type Version Create time Update Update Update Controller type Before update controller, FPGA firmware, please confirm to match with the controller, FPGA version of the firmware, and please operate this function with the help of technicists from th factored	irmware maintenance	Receiver card maintenance	Multi function card firmware	
Check the firmware version Check the firmware version Check	Check multi function card			
Update multi function card firmware Firmware name Controller type Version Create time Update Update Update Update Create time Update Update Create time Create ti			Check the firmware ve	ersion
Update multi function card firmware Firmware name Controller type Version Create time Update Update Update Update Create time Update Update Create time Create tim				
Update multi function card firmware Firmware name Controller type Version Create time Update Update Update Create time Create time Update Create time Update Create time Update Create time Update Create time Create ti				*
Update multi function card firmware Firmware name Controller type Version Create time Update Update Update Create controller, FPGA firmware, please confirm to match with the controller, FPGA version of the firmware, and please operate this function with the help of technicists from th factored				· · · · ·
Update multi function card firmware Firmware name Controller type Version Create time Update Update Update Update Create time Update Create time Update Update Cr				
Firmware name Controller type Version Create time Update Update Update Create controller, FPGA firmware, please confirm to match with the controller, FPGA version of the firmware, and please operate this function with the help of technicists from th factored	Jpdate multi function card	firmware		
Controller type Version Create time Update Update Update Before update controller, FPGA firmware, please confirm to match with the controller, FPGA version of the firmware, and please operate this function with the help of technicists from th factored	=irmware name			
Controller type Version Create time Update Create time Update Create time Create time Update Create time Create ti				🖻
Update Update Before update controller, FPGA firmware, please confirm to match with the controller, FPGA version of the firmware, and please operate this function with the help of technicists from the factored	Controller type	Version		Create time
Update Before update controller, FPGA firmware, please confirm to match with the controller, FPGA version of the firmware, and please operate this function with the help of technicists from the factored				
Before update controller, FPGA firmware, please confirm to match with the controller, FPGA version of the firmware, and please operate this function with the help of technicists from the factored				Update
Before update controller, FPGA firmware, please confirm to match with the controller, FPGA version of the firmware, and please operate this function with the help of technicists from the factored				
factorid				
incluiy:	Before u	pdate controller, FPGA firmw	vare, please confirm to match wit	h the controller, FPGA

Common functions

Time correction

Click , or user can use the "common" menu and select" correction time" to correct time for the controller time and chip.

Brightness

Click Brightness, user also can use the "common" in the menu to select "brightness" function

Manual brightness : manual drag the value rule then click" setup" to adjust the brightness.

Timing brightness: totally there are 4 time period ,user can select and set the brightness value as shown in picture 124.

Automatic brightness: after user connect with the sensor ,pls select "BX-VMF", as shown in picture 125, brightness value can be default or customized ,at last pls select "setup" screen brightness will be changed according to environment temperature brightness.

💀 Brightness	(Group-1 / Scr	een-1)	_				X
Timing brigh	tness Manual I	orightness	Automatic brightness	- COLUMN - C			
			C	Dark(1)	Li	ght(255)	
V	00	• :	00 -	ł		0	255 ×
	06	• :	00 •	F		0	255
	12	• :	00 -			0	255 🔹
	16	• :	00 🔹	1		0	255
					S	etup	Close

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🐼 Brightness	(Group-1 / Screen-1)	_			X
Timing brigh	ntness Manual brightness	Automatic brightness	 		
	Dark(1)		Light(255)		
	Burk(1)			005	
a a a a a a a a a a a a a a a a a a a	Î.			235	
			Setup	Close	,
-			cetap		



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Volume



Click Volume or user can change the volume from the menu --"common"--"volume"

<u>Turn on</u>

User can use the common--" turn on" to start the screen.

Turn off

User can use the common--" turn off" to close the screen.

Timer for switch

User can use the "common" function--" timer for switch" to set the turn on&off time ,as shown in picture.

] turn on	turn off		
0:00:01	1:59:59	a 🔼 –	
] turn on	turn off		
2:00:01	3:59:59	Each two time	group can not be ested.
] turn on	turn off		
4:00:01	5:59:59	4	
] turn on	turn off		
6:00:01	7:59:59	A V	
	[Cature	Class

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Advanced

Log management

You can view the related login logs of the controller by clicking the query and display under "Log Management" under the "Advanced" function under the menu bar, as shown in the figure below.

📴 日志管理 (分组-1 / 屏幕-1)

<html></html>			^
<head><title>404 Not Found</title></head>			
<body bgcolor="white"></body>			
<center><h1>404 Not Found</h1></center>			
<hr/> <center>nginx/1.10.1</center>			
<html></html>			
<head><title>404 Not Found</title></head>			
<body bgcolor="white"></body>			
<center><h1>404 Not Found</h1></center>			
<hr/> <center>nginx/1.10.1</center>			
[2020-04-10 16:02:46]: [192.168.88.8:60803] systemclockcorrect excute succe	255		
2020-04-10 16:02:46]: [192.168.88.8:60803] User ** logout			
2020-04-10 16.02:50]: [192.168.88.8:60805] system clockcorrect excute succe	255		
(2020-04-10 16:02:50): [192.168.88.8:60807] User "guest" login			
[2020-04-10 16:02:51]: [192.168.88.8:60807] User ** logout			
[2020-04-10 16:02:52]: [192.168.88.8:60809] systemclockcorrect excute succe	255		
[2020-04-10 16:02:52]: [192.168.88.8:60811] User "guest" login			
[2020-04-10 16:02:52]: [192.168.88.8:60811] User ** logout			
[2020-04-10 16:02:53]: [192.168.88.8:60813] systemclockcorrect excute succe	255		
[2020-04-10 16:03:36]: [192.168.88.8:60815] User "guest" login			
[2020-04-10 16:03:36]: [192.168.88.8:60815] User ** logout			
[2020-04-10 16:03:37]: [192.168.88.8:60817] systemclockcorrect excute succe	255		
[2020-04-10 16:03:37]: [192.168.88.8:60819] User "guest" login			
[2020-04-10 16:03:37]: [192.168.88.8:60819] User ** logout			
[2020-04-10 16:03:39]: [192.168.88.8:60821] systemclockcorrect excute succe	255		
[2020-04-10 16:21:23]: [192.168.88.8:60892] User "guest" login			
[2020-04-10 16:21:23]: [192.168.88.8:60892] User ** logout			
[2020-04-10 16:21:23]: [192.168.88.8:60894] ×sercmd excute success			
[2020-04-10 16:21:23]: [192.168.88.8:60894] xsercmd excute success			~
	日子	来海	关闭
	STEVIN .	上川	大四

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Advanced

You can check the working status of the controller through "Status Inquiry" under the "Advanced" function under the menu bar, as shown in the figure below. 💁 状态查询

幕状态:开机	
范度: 手动调亮(255)	
蓟出方式:LED Screen	
[作模式:异步模式(内存播放)	
音量:100	
屏幕锁定状态: 解锁	
节目锁定状态:解锁	
空制器提示语言:简体中文	
GPS:	
空制器时间:2020/04/14 16:58:41	
安装地址: Y	
	查询

119

Switch storage media

Choose whether to store the playback content to SD card, U disk or internal memory through "Switch storage media" under the "Advanced" function under the menu bar.

Logo configuration

Click "advanced' then start " start Logo configuration", log into the logo configuration as shown in picture . user can set the logo width ,length and coordinate location.

Х

)设定		○ 取消	
\$28 28]	高度 128	
☑ 記示位置 左上	~		
₋ogo文件			

120

Display LED screen debug

The LED mark is for the convenience of users to adjust the screen. The words "LED" are displayed on the four corners of the screen and can be turned on and off.Click the "Advanced" menu on the main menu bar and select the "Display LED Marker" menu item in the drop-down menu to enter the Display LED Marker dialog box, as shown in the following figure. The user can choose whether to turn on the LED tag or turn off

)pen Screen Debug	Close Screen Debug
	Open Screen Debug

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Set IP display flag

IP flag means when there is no program in the controller ,the screen will display "pls add program "controller model ,parameter ,IP etc . the IP display or not depend on the IP flag.

Click the "advanced" menu ,in the display list ,pls select "display IP flag" as shown in picture .



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IO configuration

Currently only the Y08A controller supports key configuration functions. Click the "Advanced" menu on the main menu bar and select the "Pin Configuration" menu item in the drop-down menu to enter the "Pin Configuration" interface to configure related pins.The external IO pin selection program is used to select different programs by external signals to achieve different signal display different application scenarios. The function operation steps are simple and easy to use. (For the pin configuration function, please refer to "BX-Y1A External IO Program Selection Instructions")

Set output type

Click the "Advanced" menu on the main menu bar, select the "Set

Output Mode" menu item in the drop-down menu, and enter the password "888" to enter the Set Output Mode dialog box, as shown in the following figure. Click "Query" to view the current output mode, you can choose "LED Screen" or "DVI / HDMI" output mode, and click "Settings" to complete the



123

Setup working mode

Click the "Advanced" menu on the main menu bar, select the "Set Work Mode" menu item in the drop-down menu, and enter the password "888" to enter the Set Work Mode dialog box, as shown in the following figure. Click "Query" to view the current working mode, you can choose "synchronous mode (DVI / HDMI)", "synchronous mode (CVBS)" or "asynchronous mode (memory playback)" working mode, click "Settings" to complete the



multi-screen synchronization function

Y series controllers (cards) support multi-screen synchronization function. After simple settings, multiple screens can be synchronized to play the effect of displaying programs. Click the "Advanced" menu on the main menu bar, select the "Multi-screen simultaneous display" menu item in the drop-down menu, enter the "Multi-screen simultaneous display" interface, and configure the screen. (For multi-screen synchronization display function, please refer to "Y series multi-screen synchronization function instruction")

Start		End	
0 1)	23 🔺	59 📩 59 🖕
🗖 Automatic timi	ng		
🗸 Customizina tł	ne Networ	k time se	enver
Customizing t	ne Networ	k time se	rver
Customizing th 120.25.115.20,20	ne Networ 2.112.29.82	k time se 2,ntp.aliy	erver un .co m,pool.ntp
Customizing the 120.25.115.20,20: Timezone	ne Networ 2.112.29.82	k time se 2,ntp.aliyi	irver un.com,pool.ntp
✔ Customizing th 120.25.115.20,20 Fimezone (UTC+08:00) 北京	ne Networ 2.112.29.82 〔,重庆,香	k time se 2,ntp.aliy s港特别行	erver un.com,pool.ntp 政区,乌鲁木3 。
✔ Customizing th 120.25.115.20,20: Timezone (UTC+08:00) 北京	ne Networ 2.112.29.83 〔,重庆,霍	k time se 2,ntp.aliy s巷特别行	erver un.com,pool.ntp 政区,乌鲁木3 。

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Set network time

Click the "Advanced" menu on the main menu bar and select the "Set Network Time" menu item in the drop-down menu to enter the Set Network Time dialog box, as shown in the following figure. Users can check the "Automatic time adjustment" or "Custom network time server", fill in the network address of the time zone, and finally click "Settings" to complete the configuration.

Automatic	timing	
🔽 Customizir	ng the Network time	server
120.25.115.20),202.112.29.82,ntp.a	iyun.com,pool.ntp.c
T !		
limezone		
(UTC-07:00)	奇瓦瓦,拉巴斯,马萨	特兰 ▼
	1	1

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Set access APN

Click the "Advanced" menu on the main menu bar and select the "Set Access Point (APN)" menu item in the drop-down menu to enter the setting dialog box, as shown in the following figure. Users can fill in the APN name, user name, password, dial number, after completing, click "Set" to complete the configuration.

cronet		
User name		
CARD		
Password		
CARD		
Dial number		
*99#		
	Settings	Close

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Font manage

Click the "Advanced" menu on the main menu bar, select the "font manage" menu item in the drop-down menu, enter the password "168", enter the font management dialog box, as shown in the following figure. Users can click "Query" to view the installed fonts. Select the font you want to install from the "font to be installed" list on the right, click on "Install the selected font" after checking, and click OK.If you want to delete the installed font, check the font you want to delete in the "Installed Font" on the left, and click "Delete Selected Font".

V Andalus V Angsana New Aparajita Arabic Typesetting Arial Arial Black Batang BCSPDF417 Browallia New Calibri Calibri Calibri Candara Comic Sans MS Consclass Corbel Check delete the selected fonts Unselect All	Already installed	To be installed	
Check delete the selected fonts Unselect All install the selected fonts		 Andalus Angsana New AngsanaUPC Aparajita Arabic Typesetting Arial Arial Black Batang BCSPDF417 Browallia New BrowalliaUPC Calibri Calibri Light Cambria Consolas Consolas Constantia Corbal 	
	Check delete the selected fonts	Unselect All	install the selected fonts

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Switch language

Click the "Advanced" menu on the main menu bar, select the "Switch Language" menu item in the drop-down menu, switch the language of the control card, support Simplified Chinese, Traditional Chinese, English, Russian, Vietnamese, as shown below

🕸 Switch languages	(Group-1 / Screen-1)	
Name		
繁体中文		-
简体中文		
繁体中文		
English		_
русский		
Việt		

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Screen monitor

Click the "Advanced" menu on the main menu bar, and select the "Screen Monitoring" menu item in the drop-down menu to directly preview the content of the program, as shown in the following figure.



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JTC special configuration

Currently only the Y01A controller supports the JTC special configuration function. Click the "Advanced" menu on the main menu bar, select the "JTC special configuration" menu item in the drop-down menu, enter the password "888" to enter the "JTC special configuration" interface Control card for related configuration. Select a communication protocol, you can check "JTC-N" or "JTC-1", enter the IP address of the protocol after "IP address", and enter the port number after "Port". Select whether the communication method is client mode (Client) or server mode (Server), select the client mode and enter the IP address of the controller in "Address", select the server mode and enter the IP address of the server

☑ JTC-N IP地址	方式	
192 . 192 . 192 . 192	Client	○ Server
端口	地址	
5000	65535	
口 ЛТС-1 IP地址	方式	
192 . 192 . 192 . 192	 Client 	🔘 Server
端口	地址	
5000	12336	

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User management

User management is mainly used to create administrators and ordinary users to assign different usage rights. Click the menu "Advanced", enter

VserManger
Add User
Add User
Alert Pwd
Delete User
Close
Close
below.

the password "888", enter the "User Management" window, as shown

132

Add user

Click "add user", input the password and user name as shown in the picture

assword eset password	Jser name	≐-1
eset password	assword	
	eset password	

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Delete user

,if select one user(note: can' t delete administrator) ,click "delete" will prompt delete window ,select "yes"

Modify the password

click "modify password" click "OK" after modify the password.

Certification user

select the "certification user", next time will prompt the user certification

Quick turning screen

Click the "Advanced" menu on the main menu bar, and select the "Quick Screen Adjustment" menu item in the drop-down menu to directly perform a quick debugging screen, as shown in the following figure. For the control cards of the same model, all screen parameters can be set in one interface.



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Certificate management

Click the "Advanced" menu on the main menu bar, select the "Certificate Management" menu item in the drop-down menu, enter the "Certificate Management" interface, and configure the control card.Y series controllers (cards) support the authentication and encryption function. After installing the material authentication and communication encryption certificate, the material and communication are encrypted. (For the certificate management function, please refer to "YQ Software Authentication and Encryption Function Instructions

Group function

Sending program

Click "group" menu ,and select the "group send program" as shown in picture , select all the screen in one group or u can select one screen ,then click "OK" then turn to group send interface click "send" as shown in picture .



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Send Ser	program					
GroupN	ScreenN	. IP	Progress	Status	Send	
Group-1	Screen-1	192.168.0.200	0%		Send	
Group-1	Screen-2	192.168.0.202	0%		Send	
Group-1	Screen-3	192.168.0.204	0%		Send	
Group-1	Screen-4	192.168.0.206	0%		Send	

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Reset screen parameters

Click "group" --" group reset screen parameters" as shown in picture can select all the screen or select one of the screen ,then click "ok" to the sending interface ,then click "sending" to reset screen parameters.



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Volume

Click "group" menu ,select the "group volume" --" set group volume" as shown in picture.also can select one screen then click "OK" to the set group volume interface as shown in picture 145,after set volume ,click "OK' then select the "send' is OK.



🐼 Group volume-Select Screen	×
Screens Screen-1 Screen-2 Screen-3 Screen-4 Screen-4	
Enter	ancel





Brightness

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Click the "Group" menu on the main menu bar and select the "Brightness" menu item in the drop-down menu to enter the "Brightness Selection Screen" dialog box. Select one of the screens separately, click "OK" after selecting the screen, enter the brightness adjustment interface, as shown in the figure below, after adjusting the brightness, click the "OK" button to enter the group sending interface, click the "Send" button Complete group adjustment brightness.



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iing brigh	tness	Manual brig	htness	Automatic brightne	55		
					Dark(1)	Light(255)	
m	00	*	:	00 *		0	255
	06	*	:	00 -	r	0	255 👘
	12	*	:	00 *	P	0	255 *
	16	*	:	00 *		0	255 🗼
						Enter	Close

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Correction time

Click the "Group" menu on the main menu bar, select the "School Time" menu item in the drop-down menu, and enter the "School Time Selection Screen" dialog box, as shown in the following figure, you can select all the screens under a group, You can also select one of the screens separately. After selecting the screen, click "OK" to enter the group sending interface. After clicking the "Send" button, you can complete the group timing.



🐼 Group correction time-Select S💳🎽	-
Screens	
🖃 🖓 🔁 Group-1	
🔤 🖳 Screen-2	
- 🗹 📃 Screen-3	
🔤 🖳 Screen-4	
Enter Cancel	

143

<u>Turn on</u>

。Click "group" --" group turn on" as shown in picture ,select all screen in one group or select one of the screen then click "OK" to the sending interface ,then click "send"



🐼 Group turn on-Select Screen	×
Screens	11
⊡ 🗹 🛅 Group-1	
🔤 🗹 📃 Screen-1	
🔤 🗹 📃 Screen-3	
🔤 🖳 Screen-4	
Enter C	ancel

144

<u>Turn off</u>

Click "group" --" group turn off" as shown in picture, select all screen in one group or select one of the screen then click "OK" to the sending interface , then click "send"





Time for switch

Click "group" --" group time for switch" as shown in picture.select all screen in one group or select one of the screen then click "OK" as shown in the picture , after set the group time for switch ,then go to the group sending interface ,then click "send".

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	turn on	turn off	A
	0:00:01	1:59:59	
	turn on	turn off	
	2:00:01	3:59:59	Each two time group can not be nested.
	turn on	turn off	
	4:00:01	5:59:59	
	turn on	turn off	
	6:00:01	7:59:59]

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Query firmware

Click the "Group" menu on the main menu bar, select the "Query Controller Program" menu item in the drop-down menu, and enter the "Query Controller Program Selection Screen" dialog box, as shown below, you can select all groups You can also select one of the screens individually. After selecting the screen, click "OK" to enter the group sending interface. After clicking the "Send" button, you can complete the group query controller program.





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Firmware update

Click the "Group" menu on the main menu bar, select the "Controller Firmware Maintenance" menu item in the drop-down menu, enter the "Controller Firmware Maintenance" dialog box, as shown in the following figure, you can complete the group settings and updates Controller firmware program, receiving card program and multi-function card program.

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mware maintenance	Receiver card maintenance	Multi function card firmware
Check the firmware — Version	App version	FPGA version
Firmware Update Firmware Name		
Controller Type	Version	FPGA version
		Group Setup Update
Before u version o factory!	pdate controller, FPGA firmw of the firmware, and please o	are, please confirm to match with the controller, FPGA

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