

LED Multi-media player software

User Manual



Before you use the LED controller, please read this file first and save it for future.

We will struggle and serve for the booming development of LED industry!

LedshowYQ 2016

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Brief Introduction

Thanks for ordering LED multi-media player. The design of the player is according to the international and industrial standard, but if the operations are incorrect, it will probably bring you personal injury and financial harm. As to avoid these and win more from your equipment, please obey the specifications of this file.

Description

LedshowYQ 2016 support video, pictures, text, subtitle,

time ,lunar ,dial ,table ,database ,sensor areas .support dynamic preview ,easy to check and edit the program.support high refresh products display parameters setup and scan configuration,network port output can be customized,support brightness ,volume,power on&off ,support direct link,fixed IP,server mode ,USB communication mode ,WIFI mode !Pls select the correct mode u need.

LedshowYQ 2016 support simplified Chinese, traditional Chinese, English, Korean, Japanese, French, Russian, Thai, Arabic, German, Spanish, Portuguese, Vietnamese, the Kazakh, Croatian, Turkish, total of 16 kinds of languages.

Operating Environment

LedshowYQ 2016 Support Windows XP、Vista、Windows 7、Windows 8、Windows10 etc.

INSTALL AND UNINSTALL

1. Software Installation

1. Open the software CD , double click LedshowYQ 2016 , select the installation language and click OK.

1)



Picture 1

2. Enter into installing guide. Select the destination location and Click "Next" . $_{2)}$



Picture 2

🞼 LedshowYQ 2016 Setup –	-	×
Select Installation Folder	all and the	Bx
This is the folder where LedshowYQ 2016 will be installed.	好产品,千 Good product is	锤百炼! temperedl
To install in this folder, click "Next". To install to a different folder, enter it be "Browse".	low or click	
Eolder: C:\Program Files (x86)\ONBON\LedshowYO 2016\	Browco	2
	<i>L</i> i 0 43 5	
Advanced Installer 	Cano	el

Picture 3

Notice :

If u want to install to "D" disk ,just change the "C" to "D" is OK!

If want to "browse" then select the folder ,please remember must select the folder name .

3) Select the installation folder click "install".

Ready to Install The Setup Wizard is ready to begin the LedshowYQ 2016 installation 好产品,T	Bx
The Setup Wizard is ready to begin the LedshowYQ 2016 installation 好产品,自Good product	
	F锤百炼! is tempered
Click "Install" to begin the installation. If you want to review or change any of your installation settings, click "Back". Click "Cancel" to exit the wizard.	
Advanced Installer	
< Back Install Car	ncel

Picture 4

4) After finish the LedshowYQ installation, click "finish".



Picture 5



5) After installation, the Icon **2016** will display on PC desk, double click it to open software.

2. Uninstall the software

Software support automatically uninstall, in the computer" start" --" all

program" --" LedshowYQ2016", Click "Uninstall" to uninstall all file about "LEDshow YQ 2016", also user can use "control panel" to uninstall the software "LedshowYQ2016".



Interface instruction

There is five parts about the software interface like in picture 7:



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

1) File

EdshowYQ 2016 ASYNC Media Editor

File(F) Edit(E) Common(C) Setup(S) Advanced(A) Group(G) Language(L) Help(H)
Picture 8





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

parameters.

2) Edit menu



Picture 10

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) Common

Common(C)	Setup(S)	Advanced(
Correctio	n time	
Adjust Br	ightness	
Adjust Vo	lume	
Turn On		
Turn Off		
Time for	switch	
Switch th	e storage m	edium 🕨

Picture 11

In this menu can set the LED screen correction time ,adjust brightness ,adjust volume,turn on ,turn off ,time for switch ,switch the storage medium function to the LED screen.

4) Setup



Picture 12

- Set screen parameter : including controller model, screen width, height , IP address and so on
- Reset screen parameters : according to the screen parameters to reset the controller parameters
- ♦ Check the screen state : check the controller state
- ♦ Online IP configuration : Set the online controller IP
- ♦ Single IP configuration : set the controller IP in LAN
- ♦ MAC configuration : after set as single IP configuration , then set the MAC
- ✤ Firmware maintenance : update the controller firmware, FPGA firmware, receiving card firmware or the multi function firmware update .
- ♦ Sensor maintenance : update the firmware to sensors
- \diamond WIFI configuration (AS mode) : set the connect WIFI name and password
- ♦ WIFI AP configuration (AP mode) : set controller built-in WIFI name and password
- \diamond Server configuration : set server port ,power on and power off the server.
- ♦ User management : set software encryption and classification
- 5) Advanced

Advanced(A)	Group(G)	Langua
Entry Scre	en	
Bulletin M	lanage	
Log mana	ige	
Start logo	configuratio	n
Screen De	bug	
Set IP Dis	olay Flag	
Set Outpu	ıt Type	
Set Timez	one server	
Set APN		

Picture 13

This function including:entry screen,bulletin manage,Log manage,start LOGO configuration ,screen Debug,set IP display flag ,set output type ,set time zone server and other operations.

6) Group



Picture 14

This group function including :sending program ,reset screen parameter,volume,brightness ,correction time ,power on&off ,time for switch ,query firmware .

7) Language



LedshowYQ support simplified Chinese, traditional Chinese, English, Korean, Japanese, French, Russian, Thai, Arabic, German, Spanish, Portuguese, Vietnamese, the Kazakh, Croatian, Turkish, total of 16 kinds of languages.

8) Help

Click "about" to check the software version.



Picture 16

2. Major menu

For the major menu function is as shown in picture 17



- ♦ Auto Fit : the program edit area auto fit size
- ♦ Preview rate : Adjust the program area size
- ♦ Top layer : move the selected area to the front
- ♦ Bottom layer : move the selected area to back
- ♦ Upper layer : move the selected area to front
- ♦ Lower layer : move the selected area to the back
- ♦ Maximize : selected area to maximize and equal to the edit area

BASIC SETUP

Connection Device

Now connect the computer with player and receiving card ,for example YQ5E player:



Picture 19

ADD SCREEN

 Open "LedshowYQ 2016", click "add screen" Add screen or click "setup"--"set screen parameters"--password"888"----"add screen" as shown in picture 20.

een List	Screen Parameters Scan Configuration Display parameter	configuration
Group-1	Screen Name	
	Screen-2	
	Install Address	
	Controller Type	
	BX-YQ1 (G)-75	
	Width Height	
	256 384	
		een, 12 unit T75
	Input IP address 721 × RGB:(2	573 213,223,229)
	IP Address	
	192.168.0.199	
	Online IP configuration	
	Automatic timingOpen , The current system time zone : GM : Unknown	NT+8 , Controller system time zon
	Add screen Parameters read-back Set pa	rameters Close

Picture 20

2. In the "add screen" interface, firstly select the screen , then set the IP address obtain mode, then click "settings" .

Add screen										
Barcode	IP	Туре	Width	Hei	Install Addr	ess	Net Con	IP set WIFI	PC IP	Description
C0YQ5E1711080001	192.168.9.100	BX-YQ5E	256	256	a		Client	Static 奈	192.168.9.100	
4										
 Automatically obt 	ain IP address	_	•	2		A				 3
O Use the following IP Address	IP address : Subnet M	ask		iteway		Port	I	nstall Address		
192.168.9.100	255 . 255	.255. 0	1	92.168	. 0 . 1	5005		a		Settings
Net Connect Mode										
									4	
Client	O s	erver							4	
Client	O S	erver						Refre	sh Ente	er Close

Picture 21

3. User can select cover the current screen or not ,click "yes" or "No" screen will be added as shown in the picture



Picture 22





Parameters Read back

" Parameters read back "function is used for read back controller parameters ,if user use YQ3AE setup the parameters ,but then change to other mode ,if user want to use the original YQ3AE,after controller connection ,in the "set screen parameters" click "Readback parameters" will be OK to set the YQ3AE parameters.

Online IP configuration

1. IP configuration

Step 1

When the controller is online, click" setup" " online IP configuration" as shown in picture :

Setup(S)	Advanced(A)	Group(G)
Set S	creen Parameters	s
Reset	Screen Paramet	ers
Chec	k the screen stat	e
Onlin	ne IP configuratio	on
Singl	e IP configuratio	'n
MAC	address configu	iration
Firm	ware Maintenand	ce
Sense	or Maintenance	
WIFI	configuration	
WIFI	AP configuration	1
Serve	er configuration	
User	Manage	
Clou	d backup	

Picture 24

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

Please Ent	ter the Password	

Picture 25

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 :

The second second	n 1	10	-	000.111	10212	*	N - 0	70 v/	1400
elation▲	Barcode	IP 102.168.0.100	lype	Width	Height	Install Address	Net Connec	IP settin	WIH
			click the II	P which	n need i	nodified			
 Autom Use th IP Addres 	natically obtain If e following IP ad	P address ddress : Subnet Mask	- choose the IP Gateway	mode	Port	Install	Address	click setti	ngs
 Autom Use th IP Addres 192.168 	natically obtain IF ne following IP an ss . 9 . 100	P address ddress : Subnet Mask 255 . 255 . 255 . 0	Gateway	mode . 1	Port 5005	Install T	Address	click setti	ngs Settings
 Autom Use th IP Addres 192.168 Net Connect 	natically obtain IF e following IP ar ss . 9 . 100 ct Mode	P address ddress : Subnet Mask 255 . 255 . 255 . 0	Gateway	mode . 1	Port 5005	Install . T	Address	click setti	ngs Settings
 Autom Use th IP Addres 192.168 Net Connect Client 	natically obtain IF e following IP at ss . 9 . 100 ct Mode	P address ddress : Subnet Mask 255 . 255 . 255 . 0	Gateway	mode	Port 5005	Install . A	Address	click setti	ngs Settings

Picture 26

2. Single IP configuration (only one computer connect in the LAN) Step1

when there is only one controller in the LAN, the user computer connect with one controller , click "setup" --" single IP configuration" as shown in the picture :

🛃 LedshowYQ 2016 ASYNC M	vledia Editor						
File(F) Edit(E) Common(C	C) Setup(S) Advanced(A) Group(G)	Language(L) Help(H	1)				
Add screen New Open S	Set Screen Parameters Reset Screen Parameters ave	deo Time Weat	her Sensor I	Database Delete	Volume Brightness	Correction time	USB Send
🖃 🕢 🚞 Group-1	Check the screen state						
🖃 🖉 💭 Screen-2	Online IP configuration						
🕢 🛄 Program-1	Single IP configuration						
- 🖓 💭 Program-2	MAC address configuration						
⊌ 🚆 Program-3	Firmware Maintenance Sensor Maintenance						
	WIFI configuration						
	WIFI AP configuration						
	Server configuration						
	User Manage						
	Cloud backup						
	Origina AutoFit Preview rate: 100 I Group-1 Screen-2(BX-YQ1(G)-75, IP: 192.168.0.2	1% Top Bottom Laver Laver	Upper Lov Laver Lav	Ker Maximi ver ze			

In the "single IP configuration" interface, select the IP obtain mode , then fill the IP information , then click "settings" as shown in the picture :

Automatically obtain IP a	ddress
○ Use the following IP add	ress:
IP Address	Subnet Mask
192.168.0.199	255.255.255.0
Gateway	
192.168.0.1	
ort	
5005	
192.168.0.199	ETP server port
Server IP Address	Server Port
192.168.18.2	8111
Pleartbeat interval	~
UcerNlame	, Install Addrass
Oserivanie	
	Settings

Picture 28

Set screen parameters

Step 1

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



Picture 29

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



Picture 30

Step 3

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

Screen List	Screen Parameters S	can Configuration Display	parameter configuration	63
	Soreen Name soreen-1 Install Address Controller Type BX-YQ1(G)-75 Width 256 Input IP address IP Address 192.168.0.199 Online	Meight 384 s IP configuration	 Total pixels: 384×384 One card to one sort Controller identific 	een, 12 unit T75
	Automatic timingUnk zone : 未知	nown , The current system (time zone : GMT+8 , Contro	oller system time
		Perspeters read-back	Sat annastona	c1

Picture 31

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

een List	Screen Parameters S	can Configuration Displa	y parameter configuration	
← 分组-1 └── soreen-1	Soreen Name soreen-1 Install Address Controller Type BX-YQ1(G)-75 Width 256	Height 384		
	Input IP address IP Address 192.168.0.199	5	Jotal pixels: Jotal pixels: One card to one scre Controller identific	een, 12 unit T75 ation code:
	Online Automatic timingUnk zone : 未知	IP configuration nown, The current system	time zone : GMT+8 , Control	ller system time
	/	P.u.s.t.us u. J.L.sk	Sat navanatava	Clara

Picture 32

Screen List	Screen Parameters Scan Configuration Display parameter configuration	
☐ 分组-1	Screen Name screen-1 Install Address Controller Type BX-TQ1(G)-75	
	Width Height 256 384 Total pixels: 364*384 One card to one screen, 12 unit	t T75
	IF Address Description of the second	
	Online IP configuration Automatic timingUnknown, The current system time zone : GMT+8, Controller system zone : 未知	time
	Add screen Parameters read-back Set parameters Close	e

Click "set parameters" will be OK , as shown in picture :

Picture 33

WIFI configuration

YQ 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

YQ2AE、YQ3AE、YQ5E have the built-in WIFI ,no need match with USB wireless network card. If other model which can' t support built-in WIFI,need insert the USB wireless network card

to the controller USB port ,then supply 5V power to the controller ,as shown in picture $\,$:

(usually the notebook computer have the wireless network card ,no need USB wireless network card ,can connect with the controller directly.)



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



Picture 35

Step 3

Input network security secret key ,the original password is : 12345678 , then click "next step",the

computer will connect with the YQ controller WIFI, as shown in picture

ype the netwo	ork security key	
Security key:	1.	
	Hide characters	

Picture 36

Step 4

Computer connect with the controller WIFI hot spot ,then click the LedshowYQ 2016 to add screen ,edit program and sending program etc.

Step 5

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.)

Ssid		
YQ3 AP	 	
Password (8 — 32)		_

🗹 Enable DHCP IP Address		
☑ Enable DHCP IP Address		
✓ Enable DHCP IP Address 192.168.1.199		
☑ Enable DHCP IP Address 192.168.1.199 Subnet Mask		
☑ Enable DHCP IP Address 192.168.1.199 Subnet Mask 255.255.255.0		

Picture 37

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

Step 1

Insert the USB network card into the controller USB interface ,YQ2AE,YQ3AE,YQ5E ,built-in WIFI,so no need connect the USB network card

Computer network directly link with the YQ controller , supply 5V power to controller , as shown in picture :





Open LedshowYQ 2016 software ,click "add screen" then search YQ controller ,click ""OK.as shown in picture :

Barcode	IP Typ	e Width	Hei	Install Address	Net Con	IP set WIFI	PC IP	Description
C0YQ211706050002	169.254.89.144 BX-	YQ2AE 800	600		Client	DHCP 🛜	169.254.89.99	
				m				
				ш				
 Automatically obt 	ain IP address			ш				
 Automatically obt Use the following 	ain IP address IP address :			m				
 Automatically obt Use the following IP Address 	ain IP address IP address : Subnet Mask	G	jateway	m. Port		nstall Address		
 Automatically obt Use the following IP Address 169.254.89.144 	ain IP address IP address : Subnet Mask 255.255.255.255.0	C	iateway .69.254.8	m Port 5005	Â	nstall Address		Settings
Automatically obt Use the following IP Address 169.254.89.144	ain IP address IP address : Subnet Mask 255.255.255.0	C I	ateway 69.254.8	9.1 Port 5005) 	nstall Address		Settings
Automatically obt Use the following IP Address 169.254.89,144 Het Connect Mode	ain IP address IP address : Subnet Mask 255.255.255.0	(iateway .69.254.8	Port 9.1 5005	(Å. 	nstall Address		Settings
 Automatically obt Use the following IP Address 169.254.89,144 let Connect Mode Client 	ain IP address IP address : Subnet Mask 255.255.255.0 © Server	[1	ateway .69.254.8	Port 9.1 5005) (Å)	nstall Address		Settings
 Automatically obt Use the following IP Address 169.254.89.144 let Connect Mode Client 	ain IP address IP address : Subnet Mask 255.255.255.0 Server		ateway 69.254.8	9.1 Port	j v	nstall Address		Settings

Picture 39

Step 3

In the menu ,select the "setup" ---" WIFI configuration" ,input password "888" ,then click the ICON" ⁽³⁾" ,After seconds the WIFI name will display in the WIFI list ,connect the WIFI name and input password ,then select "" automatically obtain the IP address" or manual obtain IP Address,then click the ⁽³⁾ to connect with the WIFI.

WIFI	Name onbon-lihy		💮 Automatically obtain I	P address
~	TP-LINK_59D8		Ose the following IP a	ddress :
0 (0 (0 (0 (0	ONBON_WiFi \xe5\xb0\x8f\xe7\xb1\xb3\xe varmos1 TP-LINK-19	Ш	IP Address 192.168.9.100 Subnet Mask 255.255.255.0	Port 5005 Gateway 192.168.9.1
(0 (0 (0	qzb1 onbon-bx SH-ONBON-2		Server configuration	FTP server port
0 (0 (0	NETGEAR40 YouXietiyu		192.168.9.100 Server IP Address	Server Port
⊖ 	D-Link_DIR-600M	+	Heartbeat interval	
P-LIN	NK_59D8	-		connection
43380	[8		
9	— 1			((:• *

After successfully connect ,remove the YQ controller network ,connect the computer with the wireless router ,network cable connect or WIFI connect both is ok.then the LedshowYQ 2016 will communicate with the YQ controller correctly.

Scan Configuration

In the "set screen parameters"--click "scan configuration" option ,then go to the scan configuration interface, as shown in picture , user can set "scan mode" "color channel" "data polarity" "OE polarity" "chip model" "smart scan configuration" and "scan mode export/import".

🛃 Parameters Setting	(分组-1 / screen-1)					×
Screen List	Screen Parameters	Scan Configu	ration Display	parameter conf	iguration	
← 分组-1 L	Quick 1/32 (1/32 (1/32)) 16.0 16.1 16.2 16.3 16.4 16.5	1/16 ○1/8	01/4 01	/2 OStatic O	Other Full colo	NY V
	Mainstream module					
	P4 64×32 T75 P5 32×32 T75					0
			Color channel	Data Polarity	OE Polarity	Chip type
	Scan mode import/e	xport 🕶	R - G - B 🛛 🗸	Positive 🗸	Low ~	General chip \sim
	Smart scan					Setup
🗅 📮 🗙	Add screen	Paramet	ers read-back	Set parame	ters	Close
						.::

Picture 41

- 1. Basic scan mode option:
- Scan mode : select the quick、 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.
- Screen : can select the full color ,single/dual color
- ◆ 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.
- Chip model : LED driver chip , default is common chip, user also can select the specified chip model.
- 2. Smart scan configuration

User can use smart scan configuration to set the scan mode if don't know which one is suitable for the module.

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	Chip type	Row decode mod
Full color \sim	16 🖨	General chip	✓ 138 decode
Empty points 0 🜲			
odule cascade directio	n		
From right to left	C) From left to right	
O From top to botto	om (From bottom to top	
Module width must abnormal!	be the actual width	of the module, other	wise screen will display

Picture 42

Step 2

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

Smart setup) wizard-2	×
Screen changes		
□ Status auton display state	natically changes one time every 4 seconds, observe the to choose right answer	e LED module in
O1 @ 2		
Display status	State 1 display black, state 2 display white	~
Display status	State 1 display black, state 2 display white	
	Previous step Next step Ca	ancel

Picture 43

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"

zaru-5	×
cally changes one time every 4 seconds, obse choose right answer	rve the LED module in
ate 1 to 2 low brightness	~
Previous step Next step	Cancel
	cally changes one time every 4 seconds, obse choose right answer ate 1 to 2 low brightness

Picture 44

Step 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"

□ Status automaticall display state to cho	y changes one time every 4 seconds, observe the LED module cose right answer	e i
Display status 1	Red	~
O Display status 2	Green	~
	Phie	~
O Display status 3	biue	

Picture 45

Screen o	t setup wizard-: :hanges	5		×
Screen	lights up the numbe	er of rows		
	10 -			
	Previous step	Next step	Cancel	

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



Step 6

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

Silian	setup wizard-6)		
reen ch	anges			
creen lic	abts up the number	r of rows		
crooning		1 01 10113		
	1 📮			
	Previous step	Next step	Cance	el

Picture 47

Step 7

Set the module scan mode as shown in picture 48, then make coordinates as shown in picture 49, click "reset" then will prompt the Picture 50. then save the scan mode.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															





Picture 49



Picture 50

At last in the scan configuration interface will display the recommend scan mode as shown in

picture 51.

🛃 Parameters Setting	(分組-1 / Screen-1)	particular and the second				×			
Screen List	Screen Parameters	Scan Configur	ation Connect C	Configuration	Display parame	eter configur			
□ ⑦ 分组-1 	🔘 Quick 🔘 1/32	🖱 1/16 💿 <u>1/8</u>	◎ 1/4 ◎ 1/2	🔘 Static 🔘 🤇	ther Full color	•			
U SUCCA I	8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10								
	Mainstream module								
	P5 32×16 T75					A T			
			Color channel	Data Polarity	OE Polarity	Chip type			
	Scan mode import/	export 🔻	R - G - B 🔻	Positive 🔻	Low	General chip 🔹			
	Smart sca	n				Setup			
	Add screen	Paramete	rs read-back	Set paramet	ers	Close			

Picture 51

Connection configuration

In the "set screen parameters configuration" click "connect configuration" as shown in picture 52, user can set the vertical receiver card quantity and the receiver card No , height , width and related parameters. Finally click "setup" will be OK.

🛃 Parameters Setting	(分组-	1 / Screen-1)	Scop Config	mation Conner	et Configuration	Dienlau nara	×
□ ① 分组-1 └── Soreen-1		tandard connect count Row co 3 🔹 5	ion OComp unt Data gro	olex connection	Custom 2		
	1 2 3	1 Port:No set Rxc:No set W:128 H:96 Port:No set Rxc:No set W:128 H:96 Port:No set W:128 H:96 Port:No set Rxc:No set W:128 H:96 Port:No set W:128 Port:No set W:128	2 Port:No set Rxc:No set W:128 H:96 Port:No set Rxc:No set W:128 H:96 Port:No set Rxc:No set W:128 H:96 Port:No set Rxc:No set W:128 H:96	3 Port:No set Rxc:No set W:128 H:96 Port:No set Xx:No set W:128 H:96 Port:No set W:128 H:96 Port:No set W:128 H:96 Port:No set W:128 H:96			No. 1 ÷ Width 128 ÷ = Height 96 ÷ III Empty card Output swap
	[H:96	H:96 ork port output Paramet	H:96 Custom ters read-back	Set parame	v ters	Output offset Setup Close

Picture 52

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" .

Output mode		
Normal output	~	
output extension		
🔘 16 sets of data	24 sets of data	
Please keep in the first g	roup of output maximum	OK

Picture 53
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 .

🛃 Parameters Setting	(分组-1 / Screen-1)	×
Screen List	Screen Parameters Scan Configuration Connect Configuration Display para	meter configur: 🚺 🕨
₽-ၳ 分组-1 L Soreen-1	Standard connection Complex connection Col count Row count D D Data group expansion Custom L L Custom network port output Custom	No. 1 Width 128 Height 96 III Empty card Output swap Output offset Setup
		c1
	rarameters read-back Set parameters	Close
		.::

Picture 54

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."

🛃 Output sv	wap	×
	Offset	
Output 1	1	
Output 2	2	Manually set
Output 3	3	
Output 4	4	Odd-even swap
Output 5	5	
Output 6	6	Reverse order
Output 7	7	
Output 8	8	Apply to all receiver card
Output 9	9	
Output 10	10	
Output 11	11	Reset
Output 12	12	
Output 13	13	
Output 14	14	01
Output 15	15	OK
Output 16	16	
Output 17	17	
Output 18	18	
Output 19	19	
Output 20	20	
Output 21	21	
Output 22	22	
Output 23	23	
Output 24	24	



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"

🛃 Output off	iset	×
	Offset	According to group editing
Output 1	0	
Output 2	0	C According to line ealting
Output 3	0	
Output 4	0	
Output 5	0	
Output 6	0	
Output 7	0	
Output 8	0	
Output 9	0	Reset
Output 10	0	
Output 11	0	
Output 12	0	OK
Output 13	0	
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	

Picture 56

🛃 Output d	offset		×
	Offset	^ (
Line 1	0		
Line 2	0		According to line editing
Line 3	0		
Line 4	0		
Line 5	0		
Line 6	0		
Line 7	0		
Line 8	0		
Line 9	0	_	Reset
Line 10	0	_	
Line 11	0	_	
Line 12	0	_	OK
Line 13	0		UK
Line 14	0		
Line 15	0		
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	_	

Picture 57

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

Screen List	Sarean Perspeters San Configuration Connect Configuration Di-	noveneter confirm (
□	Sorreen rarameters Scan Configuration Connect Configuration Display Office Configuration Complex connection	parameter configur:
Screen-1		
	1 🐳 1 🐳 Data group expansion Custom 🔁 🛱 🛱	រាបាល
		and have not have not been and have not
	1	
	1 Port:1 Rxc:1 W:128 H:96	No. 1 - Width 128 - Height 96 - Empty card Output swap
Г		Output offset
		Setup
	Parameters read-back Set parameters	Close
	Picture 58	
Custom network p	port output	×
Port I	Port 2 Undet	Usiahk
		920 A 320 A
		320 -
		Cabus

Picture 59

Display parameters configuration

In the "set screen parameters" click "display parameters configuration" as shown in picture , user can set the "basic display parameters" "Gamma"" white balance adjustment" and "advanced"

reen List	Scan Configuration	Connect Config	uration Disp	lay parameter co	nfiguration	•
	Basic display parameter	ips				
Screen-1	Display Mode	Brightness mode	Gray scale	Row blanking time	Screen type	Full color
	Refresh rate prior $$	Normally bi $ \sim $	4096 ~	20	Grav scale	4096
	Visual refresh rate	Accelerate rate	Shift clock	Duty ratio		
	480 ~	8 ~	15.63 ~	50.0% ~	Frame rate	60 Hz
	Clock phase	Max width	Brightness	Minimum OE	Refresh rate	480
	0 ~	327	70.73%	20	Cable order	From right to left
	Refresh priority: can ac	hieve a higher refi	resh rate, cut wi	th a mobile phone	Row decode	138 decode
	or camera shooting is be the brightness is not hig	Data Polarity	Positive			
				iner prinering) and		
	choice of refresh priorit	y mode.			OE Polarity	Low
	choice of refresh priorit	y mode.			OE Polarity Scan mode	Low 1/16
	Gamma	y mode. ne from gray	O Adv	anced	OE Polarity Scan mode Max width	Low 1/16 327
	Gamma Ca	y mode. ne from gray	O Adv	anced	OE Polarity Scan mode Max width Card width	Low 1/16 327 128
	Gamma	y mode. ne from gray ent Green	O Adv Blue	anced	OE Polarity Scan mode Max width Card width Max height	Low 1/16 327 128 384
	Choice of refresh priorit Gamma 2.8 Control	y mode. ne from gray ent Green 100 🌩 o	O Adv Blue	anced	OE Polarity Scan mode Max width Card width Max height Card height	Low 1/16 327 128 384 96
	Choice of refresh priorit Gamma 2.8 Control	y mode. ne from gray ent Green 100 • 9	O Adv 6 Blue 6 1 More setting	anced	OE Polarity Scan mode Max width Card width Max height Card height	Low 1/16 327 128 384 96 Setup

Picture 60

- 1. Basic display parameters
- 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.

2. Gamma

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

3. 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.

4. 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.

🛃 Advanced confi	guration	×
Wrap time	control signal	
Signal polarity	Afterglow control start	Afterglow control end
High \checkmark	0	10 🜲
		OK

Picture 61

Server /WEB communication configuration

In the medial industry ,all screens located in different cities, so in this application , this cluster control function can be used when the screen distance is far from each other.



Preparations :

Tool name	Quantity	mark
Computer	1	
FileZilla Server software		Address :
or Server-U software	1	https://filezilla-project.org/download.php?typ
		e=server
Asynchronous full color	1	Multiple controller
controller	L	Multiple controller
Network cable	1	Based on controller quantity
3G industry router or		
3G/4G modem	1	Based on controller quantity
5V power	1	Based on controller quantity
3G or 4GSIM card	1	Based on controller quantity

Steps :

Install the FTP server

There is FileZilla Server and Server-U mode ,user can select one is OK.

- 1. Built FileZilla Server
 - Step 1



Install FileZilla Server and then double click open software, IP address and port is fixed, then

only click the" OK "



Picture 63

Step 2

Click the "user" selection ,then add the user as shown in picture :

age:	Account settings	Users
D General Shared folders Speed Limits IP Filter	H ♥ Enable account J ♥ Password: K ••••••• Group membership: <none></none>	fred
	Add user account Add user account Maxir Please enter the name of the user account that should be added: Conn Fred Fred Fred Fred Fred Fred Fred Fred	E Add Remove
	Cone> GOK Cancel	Rename Copy
ОК)	

Picture 64

Click add button then input the guest name and password (name and password must be "guest")as shown in picture :

FieZIa Server version 0.9.37 beta Copyright 2001-2010 by Tim Kosse (tim Koss Connecting to server Connected, wating for authentication	e@filezila-project.org Users		×	
.cogod on Reinevng accourt settings, please wat Done relieving account settings	Page: General Shared Folders Spoed links DP Fiter	Account settings If Enable account group membership: group membership:	Users ananymous francock korika nexusar esracboxe Add Barrove Regame Copy	
D 🕖 🕴 Account	OK Cancel	You can enter some comments about the user		

Picture 65

Step 4

Click shares folders ,click "add" button to select one folder as shared folder ,this folder will be a connection for controller and software.as shown in picture :

age:	Shared folders			Users	
General <mark>Shared Folders</mark> Speed Limits IP Filter	Directories	Aliases	Piles Read Write Delete Append Directories Create Delete		
	Add R	emove Rename	List + Subdirs Set as home dir	Add	Remove Copy
OK	A directory alias will ali path. Separate multipl If using aliases, please	so appear at the spec a aliases for one direc a avoid cyclic director	ified location. Aliases mus tory with the pipe charact y structures, it will only cor	t contain the full virt er () rfuse FTP clients.	ual

Picture 66

Step 5

After finish the shared folder ,users can select the catalog and set limitation to them. users should select all the functions.as shown in picture :

age:	Shared folders			Users	
age: General Shared folders Speed Limits IP Filter	Directories H F:	Aliases	Files Files Files Files Vite Vite Files File	yolanda	
	<		V + Subdirs	Add	Remove
	Add F A directory alias will al	lemove Renar	me Set as home dir	Rename	Copy

Picture 67

Click the "OK" button then finish the setting , as shown in picture :

Dage:	Shared folders			Users	
General Shared folders Speed Limits IP Filter	Directories H F:	Aliases move Rename o appear at the specif aliases for one direct avoid cyclic directory	Files Image: Read <	Add Rename Act contain the full virt er (1) nfuse FTP clients.	Remove Copy ual
ОК					

Picture 68

Step 7

Click the edit button -settings ,as shown in picture :

File Server E	dit ?	
🦻 🖱 🛯 🕦	Settings	
Copyright 2001	Users	n. kosse@filezilla-project.org)
https://filezi	Groups	
Connecting to	oroups	
Connected, waiti:	ng for authenti	cation
Logged on		
You appear to be	behind a NAT r	outer. Please configure the passive mode settin
Warning: FTP ove	r TLS is not en	abled, users cannot securely log in.
Retrieving accou	nt settings, pl	ease wait
Done retrieving	account setting	5
Sending account	settings, pleas	e wait
Done sending acc	ount settings.	
	nt settings, pl	ease wait
Retrieving accou		
Retrieving accou Done retrieving	account setting	5
Retrieving accou Done retrieving Sending account	account setting settings, pleas	s e wait
Retrieving accou Done retrieving Sending account Done sending acc	account setting settings, pleas ount settings.	s e wait

Picture 69

Step 8

Write the listen ports, this ports is very important and will used in the YQ software, users must remember it .two conditions to write the port:

- Computer connect the network without router ,then the listen ports can write randomly(in range of 1-65535)
- Computer connect the network with router ,then write the computer IP mapping port (different router has different settings for example as shown in picture 49)then click the OK as shown in picture 50 is OK.

▲ 运行状态 快速设置 高级设置 DHCP服务器 虚拟服务器 虚拟服务器 ● 虚拟服务器 ● DTZ主机 ● UPnP设置 UPnP设置 UPnP映射表	虚拟服务器 定义 定域网服务器定义 「域网服务器口 ID 1. 2. 3.	.了广域网服务前 的访问将会被重 服务端口 8015 8016	端口和局域內网络。 重定位给通过IP地: 内网I I 192.168.99. 192.168.99.	服务器之间的映 址指定的局域网 P 自用	射关系,所有欧 网络服务器。 【■除
路由设置 系续工具 退出登录	4. 5. 6. 7. 8. 9. 10. 常用服务端口:	8017 8018 8019 	192.166.99. 192.166.99. 192.166.99. 192.168.99. 192.168.99. 192.168.99. 192.168.99. 192.168.99. 192.168.99. 192.168.99. 192.168.99. 192.168.99. 192.168.99. 192.168.99. 192.168.99.		
退出登录 返回向导	10. 常用服务端口:	DNS(53)	192.168.99.] ID [1]	-

Picture 70

- General settings	General settings			FileZilla Serve
Welcome message IP bindings	Connection settings			
···· IP Filter ···· Passive mode settings	Listen on these ports:	8016		ports are used both for plain FTP and explicit FTP over TLS. (Default port: 21)
Security settings Miscellaneous	<u>M</u> ax. number of users:	30	(0 for unlimite	ed users)
- Admin Interface settings	Performance settings			
Cogging Speed Limits Filetransfer compression FTP over TLS settings Autoban	Number of threads:	2	This value sh installed on y is under heav	ould be a multiple of the number of processors our system. Increase this value if your server /y load.
	Timeout settings			
	<u>Connections timeout:</u>	120	in seconds (1	-9999, 0 for no timeout).
	No <u>T</u> ransfer timeout:	600	in seconds (6 the time a us	00-9999, 0 for no timeout). This value specifies er has to initiate a file transfer.
10	Login timeout:	60	in seconds (1 the time in wi	-9999, 0 for no timeout). This value specifies hich a new user has to login.
ОК				

Picture 71

2. Built Server-U

Step 1

After install the Server-U , double click Picture open software , then click "OK" as shown in picture :



Picture 72

Write the name then click "next step" as shown in picture :



Picture 73

Write ftp port, Write the listen ports, this ports is very important and will used in the YQ software, users must remember it .two conditions to write the port:

- Computer connect the network without router ,then the listen ports can write randomly(in range of 1-65535) .
- Computer connect the network with router ,then write the computer IP mapping port (different router has different settings for example as shown in picture 53)then click the OK as shown in picture 54 is ok

•运行状态		虚拟 服务要				
■快速设置 ■高级设置		虚拟服务器定义了广域网服务端口和周域网网络服务器之间的映射关系,所有 广域网路客端口的访问这会读重完付给通过TFMHUK会的局域网站路客架。				
DHCP服务器		ID	服务端口	内网IP	启用副除	
 虚拟服务器 虚拟服务器 血和Z主机 UPAP设置 UPAP设置 UPAP機制表 常宽管理 安全设置 路由设置 系续工具 	Е	1. 2. 3. 4. 5. 6. 7. 8. 9.	8015 8016 8017 8018 8019 	192.168.99. 100 192.168.99. 100 192.168.99. 100 192.168.99. 100 192.168.99. 100 192.168.99. 100 192.168.99. 100 192.168.99. 100 192.168.99. 102 192.168.99. 102 192.168.99. 102		
●退出登录 ●返回向导		10. 常用服务端口:	DNS(53)	192.168.99. - 填充到 ID		

Picture 74



Picture 75

Input computer IP as shown in picture .



Picture 76

Picture 77

Step 5

Click "YES" to add new user , as shown in picture .



Picture 78

Step 6

Click "YES' as shown in picture .

0 Serv-U 管理控制台 - 用户		
Serv-U	🔍 管理域: (onbon_ftp) 🔡 登录: (本地管理)	帮助
8 用户 - 创建、修改和删除。	城的用户帐户。	
域用户 数据库用户 Windows		
後列表显示了允许连接 研究用户信令	验苦动域的用户帐户。使用此列表和列出的按钮对域用户进行维护。	
常规	Serv-U R	E
登录 ID _	1 全名 ② 您要使用向导创建用户吗? 是 百	
服务器正常运行时间:0日,01:15:13	会话:当前0;过去24小时0;总计0 上行:0字节;下行:0字节	域:

Picture 79

Write the user name as guest (User name must be guest) then click "next step", as shown in picture.

Serv-U 管理控制台 - 用户			
C) Serv	Ű]] 管理域: (onbon_ftp)	登录: (本地管理) 👔 帮助
8 用户 - 创建、修改	和删除该域的用户帐户。		
域用户 数据库用户 W 该列表显示了 选择用户里台 常规	indows 證理 ⑦ 用户向号 - 步骤 1 总步骤 4 ◎ 双迎使用 Serv-U 用户帐户向导。该向 你的立世报名器	19号帮助您快速创建新用户,以访问	
登录 ID .	客户端尝试登录文件服务器时通过用户名标识 用户名:填写用户名	其帐户。	
	guest	下一步>>) 取消)
服务器正常运行时间:0日,01	16:52 会话:当前 0,过去24小时 0,总计	0 上行:0字节;	下行:0 字节 域:

Picture 80

Step 8

the password also must be guest (password must be guest) , then click "next step "as shown in picture $\hfill {\hfill of the state o$



Picture 81

Click the button "browse" to add the root directory as shown in the picture ,click "select" then --"next step" will be OK.

● Serv-U 管理控制台 - 用户	3
域用户 数据库用户 Windows 验证	1
● 用户向导 - 步骤 3 总步骤 4 区	
武原用戶廣合 菜规 欢迎使用 Serv-U 用户帐户向导。该向导帮助您快速创建新用户,以访问 菜规 您的文件服务器。	
登录 ID 。 根目录是用户成功登录文件服务器后所处的物理位置。如果将用户锁定于根目录,则其根目录的地址将被隐藏而只显示为 '/'。	
根目录: /F:/chenm/ftp 図览	
<<上─步) 下─步>>	
FIP Voyager JV 」 🕐 基本 Web 客户演 」 🍋 更改域 」 🙋 注销	
服务器正常运行时间:0日,01:34:08 会话:当前 0;过去24小时 0;总计 0 上行:0字节;下行:0字节	

Picture 82

🜒 Serv-U 管理控制台 - 用户		and here	-	-		
	驱动器:					-
	F:/	~	12		•	
	白竹▲					
The second second					1	
12 K)						
10000						
1						
						E.
					1	
			目录:0 3	文件: 0 大小: .00 KB		
<u> </u>	目录路径:					
	/r:/cnenm/itp			241-1-27 120214		
: 🔛 导航				四样 蚁消	扃 📗 🌺 更改域 🗍 💋	汪销
		Soft			T/- a	
加芬音配用运行时间:0日,01:3	5:11 宏语:当剧 ();	过去24小时 U;总F	V		MJ:V 7D	

Picture 83

At last select" fully visit" as shown in the picture then click" finish"

● Serv-U 管理控制台 - 用户	
	<u>^</u>
戦用戸 数据库用户 Windows 設址	
武理相戸理合 菜類 菜類 菜類 文迎使用 Serv-U 用户帐户向导。该向导帮助您快速创建新用户,以访问 窓的文件服务器。	
登录 ID	
访问权限: 完全访问	_
👔 导航 👘 FTP Voyager JV 🐧 基本 Web 客户端 🙀 更改成	🙋 注销
- Soft	
L服务器正常运行时间:0日,01:41:05 会话:当前0;过去24小时0;总计0 上行:0字节;下行:0字节	域:

Picture 84

Set controller IP information

Step 1

Controller connect with 5V power, connect the computer and controller with one network cable.as shown in picture 。



Picture 85





Step 2

Firstly fill the server port number in the server configuration interface , this port number is the monitor port number which mention when used for built the FTP. (in the step 8 when built FileZilla Server can check the port number or in the step 3 when built server-U also can check this port number), pls select the FTP server is in this computer if the server is really in this computer , then click "start the server" as shown in picture .

write the port ridin	hDer
e machine	
	-
	e machine

Picture 88

After start the server ,click "single IP configuration" ,input password" 888" ,click "OK" as shown in picture :



Picture 89

Step 6

In the IP configuration interface ,firstly input the IP address ,the first two number of the IP should be same as the computer IP front two numbers.the third number is the 3G router default network segment 1 ,the last number is any number(value is from 1 to 255), the first three number of the gateway should be same as the first three number of the controller IP ,the last is 1 (if connect to the 4G router,IP and gateway can be any value)as shown in picture

hernet		General	
Automatically obtain IP addre	ss	General	
Ose the following IP address:		You can get IP settings assigned a	automatically if your network support
IP Address	Port	this capability. Otherwise, you nee	ed to ask your network administrator
192.168.0.2	5005	for the appropriate in settings.	
Subnet Mask	Gateway	Obtain an IP address automa	atically The font two IP
255.255.255.0	192.168.0.1	Use the following IP address:	
Server configuration		IP address:	192 . 168 . 1 . 100
FTP server IP address	FTP server port	Subnet mask:	255.255.255.0
192.168.0.2	21	Default gateway:	192.168.1.1
Server IP Address	Server Port		
192.168.0.199	8040	💮 Obtain DNS server address a	automatically
Heartbeat interval		Ose the following DNS server	r addresses:
21 × s		Preferred DNS server:	192.168.1.1
	Settings	Alternate DNS server:	172.16.1.1
sure to use this feature, the LAN is	s only one controller! Otherwise, it		Advanced
put an or the DARA controller is set	to the current if address.		

Picture 90

picture 91

Step 7

Input the FTP server IP address : input the FTP ServerIP , Find the FTP server IP address as bellow , enter my ip in <u>www.ip138.com</u>, then the ip will be as shown in picture .

		B	💀 Single IP configuration (分组-1 / Screen-1)	X
			Ethernet Automatically obtain IP address Automatically obtain IP address	
		T	O. Use the following IP address : IP Address Subnet Mask 192.168.9.102 255.255.0 Gateway 192.168.9.1	
Bai创百度	мдр × <u>Бр-</u> р		Port	
	阿页 新闻 贴吧 知道 音乐 图片 视频 地图 文库 更多»		Server configuration	
	百度为定共时组关结果约1,340,000个	0	Local Server O Web Server Custom FTP server IP address FTP server port	
	本机IP: 222.66.141.11 上海市 电信 皆執入ip地址 宣調 本机P豆着方法 E地址设置方法		222 . 66 . 141. 11 21 Server IP Address Server Port 222 . 66 . 141. 10 8105 Heartbeat interval 21	
	Picture 92		UserName Install Address a FTP server is the machine, SetupMode: File>> Settings	
			Be sure to use this feature, the LAN is only one controller (Otherwise, it will put all of the LAN controller is set to the current IP address.	

Picture 93

Step 8

How to Write the FTP server IP ?this ip is the computer public ip which users used for built the FTP server, users can check from <u>www.ip138.com</u> by input" network ip) if other country need use google is also ok.**as**

shown in	picture		Ethernet	(分组-1 / Screen-1)
			 Automatically obta 	ain IP address
			O Use the following	IP address :
			IP Address	Subnet Mask
			192.168.9.102	255.255.255.0
			Gateway	
			192.168.9.1	
			Port	
			5005	(A) (Y)
Baid 百度 外网ip		── 百度一下	Server configuration	
网页	新闻 贴吧 知道 音乐 图片 视频 地图 文	库 更多»		
百度为虑挑	到祖关结果约1,340,000个	▽搜索工具	Cocal server	Custom
<u>IP地址</u> 查	<u>in</u>		FIF server iF address	21
iP	本机IP: 222.66.141.10 上海市 电信		222.06.141.11	Concern Danat
			Server IP Address	server Port
「「「「「「「」」」			222.66.141.10 Heartheat interval	0013
<u> </u>			21	s
			UserName	Install Address
	Picture 94			a
			FTP server is the machin	ne, SetupMode: File>>
				scangs
			Be sure to use this feature will put all of the LAN com	e, the LAN is only one controller! Otherwise, it to the current IP address
			win par an of the Dark con	
				Close

Picture 95

Input the FTP server port ,this port must be same as the port in step 6,as shown in picture

	🛃 Single IP configuration (分组-1 / Screen-1)
	Ethernet
	Automatically obtain IP address
	O Use the following IP address :
	IP Address Subnet Mask
Server configuration	192.168.9.102 255.255.255.0
	Gateway
ort	192.168.9.1
3015	Port
	5005
	Server configuration
Start server Close	● Local Server
	FTP server IP address FTP server port
	222.66.141.11 21
	Server IP Address Server Port
Picture 96	222.66.141.10 8015
	Heartbeat interval
	21 🔅 s
	UserName Install Address
	a
	FTP server is the machine, SetupMode: File>> Settings
	Be sure to use this feature, the LAN is only one controller! Otherwise, it will put all of the LAN controller is set to the current IP address.

Picture 97

Step 10

Then press "set "button ,after 10 sceonds ,it will show ip setting successfully ,as shown in picture .

Single IP configuration (元治日-1	/ Screen-1)								
Ethernet									
Outomatically obtain IP address of the second se	ddress								
O Use the following IP address :									
IP Address Subnet Mask									
192.168.9.102	255.255.255.0								
Gateway									
192.168.9.1									
Port									
5005									
Server configuration									
Ocal Server	🔘 Web Server 🗌 Custom								
FTP server IP address	FTP server port								
222.66.141.11	21								
Server IP Address	Server Port								
222.66.141.10	8015								
Heartbeat interval	/1 								
21 🔹 s	k,								
UserName	Install Address								
	a								
FTP server is the machine, Setu	pMode: File>> Settings								
e sure to use this feature, the L vill put all of the LAN controller i	AN is only one controller! Otherwise, it is set to the current IP address.								
	Close								

Picture 98

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 $\ _{\circ}$



Picture 99

Step 2

Network cable connect the controller and router $\ ,$ as shown in picture $\ .$



Picture 100

2. 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 cable to connect the router and controller (attention: after controller connect with the server, the yellow light is fast blinking /200ms; if controller didn't connect with the server, the 4G router is online ,then the yellow light is slowly blinking /2s) as shown in picture.

Picture 101



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 .



Picture 103

WEB server communication

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

1. Register ID

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



Picture 104

Click "login" enterprise user or individual user can input the name ,tel ,email and password to login.

2)	Pls supply r	real information	,this will be	useful for	finding	password
-,	· · · · · · · · · · · · · · · · · · ·			aberarier	manng	passnora



2. Set screen parameters

Open "LedshowYQ 2016", click "setup" -- "IP single configuration", input password "888"

192.168.0.216 5005 Subnet Mask Gateway 255.255.255.0 192.168.0.1 Server configuration Image: Configuration O Local Server Image: Configuration FTP server IP address FTP server port	
Subnet Mask Gateway 255.255.255.0 192.168.0.1 Server configuration O Local Server O Local Server Image: Construct Server FTP server IP address FTP server port	
255.255.255.0 192.168.0.1 Server configuration Image: Configuration O Local Server Image: Configuration FTP server IP address FTP server port	
Server configuration O Local Server FTP server IP address FTP server port	
139.196.231.196 2121 Server IP Address Server Port 139.196.231.196 3800 Heartbeat interval Server Port	
21 🔹 s	
UserName Name	
123456@qq.com YQ2A	

Picture 106

1) After step to IP single configuration :

- 1 . Select "server configuration"
- 2 . Select "WEB server"
- 3 . Click "controller IP configuration"

4.input the user name same as "iledcloud" platform user name ,input the real address in the installation address.such as :if u r in Moscow, just write Moscow is OK.

At last pls click "settings" to finish configuration

3. Login the management platform

Make sure the controller is online then open <u>www.iledcloud.com</u>, 如 if the controller connect with the network successfully ,user can check the controller ID name ,screen width ,height and online status, , as shown in



Picture 107

4. 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 picture .

đ	iLEDCloud Multimedia	Releasing Platform v1.3.0	₽ ¢	Welcome yolanda zhou
₽(岱 Home > Program > Program E	Create New Program X		
101	🖻 Content 🛞 Playlist 🛛 🖵	Sc		
කු		Manufactory: Product:		Ð
8		Z Type content		
)		Size Models Screen list Open Program Finish→		

Picture 108

5. Edit program

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

	<mark>〕</mark> iLEDCloud多媒体信息	发布平台 v1.2.6				Ð	۵	👰 欢迎您 -
Ð	前页 > 节目管理 > 节目制作 >	(支持:Chrome,Firefox)						
00	③ 播放列表	▲□屏幕 召 ြ 🗎		$\mathbb{E} \mathbb{E} \circ \oplus \circ \mathbf{z}^{n} T \downarrow ($		回内容 愈 ↑ ↓		
ŝ	🗆 📄 单节目列表未命名					● 未命名(2# 512x256)	Ø	
9	🖸 未命名							
			共5字,1页 诗输入文字			[7 喜又本1 12		
	Name it when save					④ 属性▼		O
						+ 基本属性		<u>^</u>
		Preview				+ 位置大小		
				- e		+ 其他		
						+ 炫动边框		
		_				中 发彩有景		
		88 分区	 書材		⊕ ≔			
			▶ 输入名称,按下回	回车查询	Q			
	/	家园文分区 字幕分区	视频分区 新立本保	26 + 47				
	Edit Lutter		((a))	40 470 19				
	Edit button		((•))					
		町町方区 表描分区	● 1日 日前 日本 1日日前 1日日前		<i>4</i> (0/0) ¹			
		(2) - (C)			x x 070 7 %			<u> </u>
			苏州云屏网络科	科技有限公司 仰邦控股 © 2015-201	7			

Picture 109 Edit program

6. Program approve

Before release the program ,firstly should pass the approve,click the

"program" --" program approve" ,select the approved program , in the" approve playlist" to select the result approved or not ,then click "OK" as shown in picture

Approve playlist		×
Result: Approved Approval comment: 	Failed to be Approved	
✓Include program		
	Approve Cano	el

Picture 110

7. Release program

after approved the program successfully ,click "program" --" program release " find the released program (program name or ID)as shown in picture .

	💼 iLEDCloi	ud多	媒体信.	息发布平台v1	2.5								P (ユ 😨 院邸窓 -
Ð	节目管理	~	众 首页	> 节目管理 > 节目)	发布									
	节目制作		名称	2			审核说明				发布状态(全	BB) v	Q査	海 《重置
4	节目查看		ID	名称	类型	声音模式	设备型号	编载者	编辑时间	审核状态	审核说明	发布状态	节目清单	操作
	播放列表		4602	##RN# #R:	工業優待到主	加盛供生	BY 601	포네. 49	2017/00/06 12/25/20	家体通过		+++++		
1	节目审核		4092	1日小小小小日	正书催加列表	131399.06.76	BA-0Q1	10/1/98	2017/09/00 15:55:59	甲饭直边		不改相		
•	节目发布													
ŝ	自动发布任务													
8	公告管理													
	资源管理	~												
8	素材管理													
	屏管理													
\$	系统管理	~												
	۲													
			6				,	ລຸດເຮ						
			C				(SOL	<u>1</u> #1¤ 0 @[10				1-1 共1余
							++ 11 = 6	a era da eta lute						
							苏州云唐	种络科技	有限公司 仰邦控制	₿ © 2015-2	017			

Picture 111

User click the release button of each playlist can step into the release interface ,user can select the next step to finish the release according to the release mode as shown in picture 91.

S	end pla	aylist							×
		Sel	1) ect screen				-2 Senc)	
	Usabl	e screens 💿	All Screens)			Multi	pages selection	n. Selected: <mark>1</mark>
	ID	Name	Screen type	Width	Height	Location	Status	Comment	
	▼ Group	:[无] (1)							
	222	YQ5E-borrow-0220	LED	256	256		Online		
	Q	0	(« < p	age 1 of	1 🔊 🛞 10 🔻		į	View1-1 of1
	□Clean c	ontroller card $\ensuremath{\mathfrak{I}}$ F	Permanent play	/ ©Tempo	rary Play 🤇	Not play	<-Pr)	evious step	Next step $ ightarrow$

Picture 112

发布播放列表					×
	(1)			2	
ž	も择屏幕			发布	
可用屏幕 • 全部屏	幕 💿			可跨引	页多选,已选择: 1块屏幕
■ ID 名称	屏幕宽度	屏幕高度	所在位置	状态	备注
▼分组:分组0(1)					
☑ 1822 上海	512	256	上海市	在线	

Q 🕄	1-1 共1条
□直接发布	←上一歩

Picture 113

If user not select "directly play", then can modify the play mode, play time parameters, after modification then click "finish" will be OK.



Picture 114

8. Delete program

Click "program" --" playlist" find the delete program(program ID or name)click the delete ICON ,as shown in picture 。



Picture 115
ADD PROGRAM STEPS

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 :



Picture 116

- **Picture zone** : add and play video, picture , text, table、 txt、 word、 excel、 flash、 gif etc.
- Subtitle zone : add one line simply format word

Video zone : add all series video format, support HDMI video and outer video signage like:camera, TV card , DVD machine ect.

- 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 other sensor value.
- **Database zone : visit** mysql or sqlserver , display specified data content of the database.

2. Program attribute

Program Name Program-1	Play Period
Order Play 1	Start 0:00:00 + End 23:59:59 +
🗌 Play Aging	Week Setup
Start 2017/12/ 1 🔹 End 2018/12/15 🔹	Mon. Tues. Wed. Thur. Fri. Sat. Sun.



- 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

Add picture zone

1. Add picture zone



Add **Picture** zone ,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.



Picture 118

2. Picture zone attribute

All picture attribute as shown in picture 98

Name Picture-1 X Y 4 ÷ 4 ÷ Width Height	display effects Random Display ~ display speed 1 Residence time(s)	Window Alpha 100 100 - 20
128 • 96 •	1	Background Transparent



- 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.
- •
- 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 edit program

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 Send

, 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.

d'

AREA EDIT USER MANUAL

Play subtitle

- 1. Add subtitle zone

Click Subtitle to add one or more subtitle ,user also can add subtitle from menu --add subtitle then

click 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.



Page Count=2 Char Count=20 The word spacing to adjust the contents of only selected

Picture 120

- 2. Subtitle attribute
- Add : add new subtitle ,not save the original one
- Open ²: open*.TXS.
- Save He current file to specified location.
- Font 年本 : 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 ~ 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 $\underline{\mathbf{U}}$: click to make underline font.
- Font color : click to select font color
- Character spacing $\stackrel{\scriptsize{\scriptstyle{ \mbox{tr}}}}{=}$: click to set the character spacing

- Page index if the file have multi-page, user can use this function to check the page as wanted ;
- Statistics : input the total page count and char count, then adjust the word spacing of the selected contents.

 Page Count=2 Char Count=20 The word spacing to adjust the contents of only selected

Play video

- 1. add video
 - Video

Click to add video ,HDMI video or outer video source,user also can use the "add video zone" function to add video.LedshowYQ 2016 support all kinds of video format like : rmvb、mp4、flv、mpg、vob、mkv、f4v、mpeg etc.

Name Video-1	Progress Fi	leName	Scale Mode	Progress	
 × Y 4 ↓ 4 ↓ Width Height 128 ↓ 96 ↓ 	0% F:\	41.mp4	Window Ratio Volume 50 Image: Column State		0:00:00

Picture 121

2. Video attribute

User can modify the scale mode ,volume and progress as wanted.

- Scale mode : can used for scale widnow ratio or original ratio.
- Progress : user can drag the bar to fast forward or backward the program.
- Volume : change the video volume from 0 to 100
- Outer video source : can select the CVBS or HDMI as the video source.

TIME

1. Add time



Click Time 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 101.

Name	⊖ Single	ine	Window Alpha
X Y 12 12 12	Font Arial V 12 - B I U = = =	□ 2000年12月30日 ∨ □▼	100
Width Height 113 🗘 64 🌩		↓ 20时59分59秒 ~ □-	20

Picture 122

2) Dial zone

After add the "dial zone" user can modify the dial parameters as shown in picture 102.

			•	•			
Name	Custom Text	YYYY/MM/DD	🗌 Week	Time +/-	Hour	Minute	Clock Style
Dial-1	北京	2000年12月30日 ~	星期一~~	+ ~	0	0	0 ~
X Y	Unit Type	Font Name		Font Size			
20 🗘 20 🗘	Dial 🗸	Arial		12	-	BIU	1 ↓ ← → ∅
Width Height	3.6.9 Attributes	Hour Attributes		Minute Attributes		H	lour Minute Second
96 🔹 96 🔹	Round ~ 2	Round ~	2	Round	~ -	1 🗘	·
		-					
		ł	'icture 123				

3) Lunar zone

After select the "lunar zone", user can set the lunar parameters as shown in the picture 103.

Prigma X — I AutoFit Pre	view rate: 100% 180 Bottom Upper Lower Maximi Laver Laver Laver Laver ze	
Name	◎ Single	Window Alpha
Vidth Height	Font Arial I2 B I U F I U V Heavenly Stems V Lunar Calendar V	100 100 🜩
91	V Solar Terms	20

Picture 124

4) Timer attribute

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

Name	🔘 Single	 Multi-line 	🗹 Display Unit	Accumulation	Window Alpha
X Y 20 20	Font Arial	✓ 12 ★ B I	⊻≣≣≣ ⊸	 ✓ 天 □ 小时 	100
Width Height 42 • 64 •	Custom Text	Target Time	23:59:59	□ 分 □ 秒	20



Weather zone

1. Add weather

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

2. Weather attribute

Name	Data source	Display style		☑ Icon 24*24 ∨	□ Wind	display effects	Window Alpha
weather-2	China Weather	Today Y Multi-line	~	☑ Weather	🗆 со	Static Display ~	— 100
24 🜩 24 🜩	Uity 北京 ~	北京 ~ 北京	~	City		display speed	100 韋
Width Height	Font Name	Font Size		🗹 Temperature	🗆 ст	Residence time(s)	
128 - 96 -	Arial ~		IU	🗹 Air quality		1	20

Picture 126

After add "weather", user can set the weather parameters as shown in the picture.

1) Temperature sensor

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

Name	sensor type	sensor address	Temperature unit	Decimal places	Correction	unit scale(%)	Window Alpha
X Y	Temperature ~	Temperature Port $$	Degree Celsius \sim	1	0	100 🔹	D 100
28 * 28 * Width Height 48 * 24 *	Custom Text	Font Arial V 12		ormal Condition: Less than	s Limit valu	Ie Threshold	100 🛓
			Picture 127				

2) Humidity

After select the humidity ,user can modify the humidity parameters as shown in picture .

Name Humidity-1 X Y	sensor type II-Humiture V	sensor address Humiture Port 1 V	Humidity unit Humidity(%RH) ~	Decimal places	Correction 0	unit scale(%) 100 🛓	Window Alpha
32 🔹 32 🔹 Width Height 73 🔹 24 🔹	Custom Text	Font Arial V 12		rmal Conditions	; Limit valu	e Threshold	100 🜩
			Picture 128				

3) Noise

After select the humidity ,user can modify the noise parameters as shown in picture .

Name	sensor type	sensor address	Noise unit	Decimal places Correction	unit scale(%) Wind	low Alpha
Noise-1	I-Sound Level Met \smallsetminus	Noise Port 1 \sim	Decibel(dB) \vee	1 • 0 •	100 ≑ 🖿	100
36 🐳 36 🐳	Custom Text	Font	No	rmal Conditions Limit v	alue Threshold	100 🜩
64 ÷ 24 ÷		Arial ~ 12	÷ B I U	▼ Less than ∨ 25	÷ •	20



4) Water

After select the humidity ,user can modify the wanter parameters as shown in picture .

Name	sensor type	sensor address	sensor unit	Decimal places	Correction	unit scale(%)	Unit coefficient	Window Alpha
Water-1	Water ~	Water Port 1 🔍	Unit(cm) 🗸	1	0	100	1	D 100
× Y 40 ↓ Width Height 57 ↓	Custom Text	Font Arial ~	12 🖨 B	Σ U	Normal Condi	tions Limit than ~ 25	t value Threshold	100 🜩 20
			Pict	ure 130				

5) Liquid

After select the liquid, user can modify the liquid parameters as shown in picture .



6) Sensor

After select the sensor ,user can modify the sensor parameters as shown in picture .

Name Sensor-1	sensor type	sensor address	sensor unit Unit(kpa)	Decimal places Co	orrection unit scale(%) Unit coefficient	Window Alpha
× Y 48 ↓ Width Height 64 ↓	Custom Text	Font Arial ~	12 • B	Nor	mal Conditions	Limit value Threshold	100 🖨
			Pict	ure 132			

Database

1. Add database



Database to add database or user can edit the database in the menu-" edit" --" add

database zone"

Click

File(F) Edit(E) Common(C	C) Setup(S) Advanced(A) Gro	up(G) Language(L) Help(H	H)			
Add screen New Open S	ave As Program Picture Sub	🎢 🚺 - 🛗 - 🊄 title Video Time Weat	her Sensor Database	X Jolume Brightness	Correction time	
- ✔ ♪ 分組-1 - ✔ ● Ø Screen-1 - ✔ 騨 Program-1 - ₩ Database-1	Oritigina AutoFit Preview r.	te: 100 6 Top Bottom Laver Laver	Upper Lover M Laver Laver	avimi ze		
	Name Database-1 X Y 0 0 0 0 Width Height 128 9 96 0		DB Type DB IP sqlserver v DB Name DB 14	UserName Port Update Time 33 \$	Password (s)	display effects Quick Type display speed 1 Residence time 3

Picture 133

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" .

DB Type		
sqlserver		~
DB IP		
UserName	Password	
DB Name	DB Port U	odate Time 0 💠 (s

Picture 134

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)

Firstly select the "sqlserver", database address : 112.65.245.174, user name : sa, password : 123456, database port : 1433, other parameters keep in default is OK as shown in Picture 114, fnish all and then click Picture to connect with the database.

Name 🔶 🗧 🖾				
	DB Туре [DB IP	UserName	Password
	sqlserver 🗸			
Width Height	DB Name	DB Port	Update Time	
128 🜩 96 🌩		1433 🗘	5.0 🗘 (s	:)



3. Database attribute

When user connect with the database then click is 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)

feader Property SQL		
CUSTOMER		•
Grid Color Line 23 Background	eight Line width	Display lines
Column Property id user_name company mobile_no email password user_state delete_flag delete_flag delete_time delete_customer create_customer is_login	Alias Font 完体 10 会 B I Background Odd Lines Even Line Text Odd Lines Even Line	ap Line automatically $\underline{U} \equiv \equiv \equiv$ es Conditions es Conditions

Picture 136

- 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.

Neader Froperty SQL		
CUSTOMER		•
Grid Color Line 23	height Line width 🔲 Display line	s
Background		
✓ 10 / USer Dame	id 🖉 Wrap Line automatica	11v
✓ company ─ mobile_no ─ email	Font 宋体	
<pre>v deer_name v company mobile_no email password user_state delete_flag delete_time delete_customer</pre>	Font 宋体 - 10 会 B J U 圖 畫 畫 Background Odd Lines Even Lines Conditio	ns

Picture 137

User can select the display order use the direction arrow as shown in picture 117.

Ľ,	id	-
1	user_name	ſ
m	company	
m	mobile_no	
1	email	
m	password	E
m	user_state	
1	delete_flag	
m	delete_time	
1	delete_customer	4
m	create_customer	
1	is_login	-

Picture 138

After setup, exit the "database parameters" attribute page, in the display window of the software, can preview directly database contents as shown in , picture 118.and then click "send" so the LED screen can update database gird in real time.as shown in picture 119



Picture 139

By	user_name	company	mobile_no
368	1189189189	南昌海神	13732957986
369	tzchending	CDtech. co	13958671810
370	libin7758	临沂办亊ሏ李书	18669698859
371	ningzhudianzi	德州天星电子科	0534-3288608
372	ser gei	555522 qw	555522g*
373	UTPDZ	南阳市支品电子	15537710111
374	danpusen	丹普森光电	15986769296
375	aabb	济南	
376	<pre>#fsflepfxzx</pre>	濰坊市福利彩票	0536-2600209
377	*ffezx	準坊市福利彩票	0536-2600209
37.8	abba	内蒙	
379	000000	齐翼	15653603301
380	417730819	郑州办	13525519293
381	guzong123456	山西捷原科贸有	7234691
And the second			

Picture 140

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 is update controller firmware, then click "update".

rmware Maintenance FPGA	firmware maintenance Receiv	er card maintenance
hack the Firmwore		
Version	Modified Time	1
App version	XSer version	Check
firmware Name	Varrian	Nedified Time
	Version	
		Update
Before update con	troller, FPGA firmware, pleas	e confirm to match with the controller,

Picture 141

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 click is update controller FPGA firmware, then click "update".

🔽 Firmware Maintena	ance (分组-1/Screen-1)		×
irmware Maintenance	FPGA firmware maintenance	Receiver card maintenance	
Check FPGA			
			Check
Update FPGA firmware			
Firmware name			
			🚅
Controller type	Version	Cre	ate time
			Update
Before updat FPGA version technicists	te controller, FPGA firmware n of the firmware, and pleas from this factory!	e, please confirm to match view operate this function with the second se	with the controller, th the help of
		[

Picture 142

3. Receiver card firmware maintenance

To make sure the controller software version is compatible with receiving card, user can maintenance receiver card firmware firstly, in the "setup" --" firmware maintenance" --" receiver card maintenance", as shown in picture.click "check" to find the connected controller, then click 🖆 to update receiver card firmware, then click "update".

🛃 Firmw	are Maintena	ince (分组-1 / Screen-1)				×
Firmware	Maintenance	FPGA firmware maintenand	e Receiver ca	rd maintenance		
Update r	eceiver card firn	nware				
Number	All	Controller type	Version	Send card	Port	Recei
<						>
Firmware	e name					
	o namo			Ched	k Ur	odate
⚠	Before updat FPGA version technicists	e controller, FPGA firmwa of the firmware, and plo from this factory!	are, please con ase operate th	firm to match wit is function with	h the contr the help of	oller,

Picture 143

COMMON FUNCTION

Time correction



Click Correction time , 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

🛃 Brightr	ness (分组-1 / Screen-1)	(×
● Ma	anual brightness	○ Timing brightness	O Automatic brightness	
	Dark(1)		Light(255)	
			Setup Close	•
				:

Picture 144

As shown in Picture 123:

1. 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.

🐼 Bright	ness ((分组-1	/ Scre	en-1)			×
<u>О</u> М	○ Manual brightness			⊙ Ti	ming brightness	○ Automatic b	rightness	
						Dark(1)	Light(255)	
	00	~	:	00	~			255 🌲
	06	\sim	:	00	\sim			255 🔹
	12	\sim	:	00	~			255 🜲
	16	\sim	:	00	~			255 🌲
							Setup	Close

Picture 145



Picture 146

Volume

5 (olume

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

Turn on

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

<u>Turn off</u>

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.

🔘 setup		Cancel
ming Setup		<u>`</u>
turn on	turn off	!\
0:00:01 🜲	1:59:59 🗘	
turn on	turn off	Each two time group can not be nested.
2:00:01 🜲	3:59:59 🌲	
turn on	turn off	
4:00:01	5:59:59 🌲	
turn on	turn off	
6:00:01 🌲	7:59:59 🌻	

Picture 147

Switch the storage medium

User can use the "common" --" switch the storage medium" to save the program to SD card or U disk or internal memory.

Advanced

Entry Screen

By the "entry screen" function ,u can control the screen from different city by your computer .also don't worry about change computer will lost the information.

Step 1



Step 2

Innut	naccword	" 222"	click "OK"	as shown in nicture	•
mput	passworu	000	, CIICK OK	, as shown in picture	•

Password]	
Please En	iter the Password	

***	OK	Cancal

Picture 149

Step 3

Click "entry screen", as shown in picture :

. Name			
1-1			
l Address			
ller Type			AL AL
5E		*	Bunkhan
	Height		•
	256	<u>x</u>	
ed IP mode	Server	mode	Total pixels:3840*1080, W≪4080, H≪2048Supports 2-channel
.68.9.102	5005	* *	external video source supports 4 videoSupports synchronous and mixed-signal
rver IP address 68.9.102	FTP serve 21	er port	
IP Address	Server Po	ort	
68.18.8	8111	A. 9	Controller identification code: 5000360F5042C37066D66094327F916F
oller identificati	on code		
code	🔘 PID		
E1711080001	5000360F	5042C37066D66	C0YQ5E1711080001
			Enter Cancel
	1 Address 1 Address 1 address 1 er Type 52 1 ed IP mode hress 168. 9 . 102 rver IP address 168. 9 . 102 IP Address 168. 18. 8 coller identification rcode E1711080001	1 Address 1 Address 21er Type SE Height 256 red IP mode fress 168.9.102 17 Address 168.9.102 188.9.102 19 Address 101er identification code recode E1711080001 5000360F	1 Address aller Type E Height 256 Height 256 T Height 256 T Server mode Port 5005 T 5005 T 168.9.102 TP Address FTP server port 21 TP Address Server Port 168.9.102 TP Address Server Port 168.9.102 TP Address Server Port 168.18.8 Server Port 17.8 Server Port 18.11 Server Port 18.11 Server Port 19.02 Server Port 19.02 Server Port 10.0360F5042C37066D66

Picture 150

Step 4

select the controller type here , as shown in picture :

creen List	Screen Name					
■ 合 分组-1	Screen-2					
Screen-1	Install Address					
Screen-3	a					
	Controller Type	select the controlle	r model			
	BX-YQ5E	•	Bunning			
	Width	Height				
	256	256				
	Fixed IP mode	🔘 Server mode	Total pixels:3840*1080, W≤4080			
	IP Address	Port	H≪2048Supports 2-channel external video source supports			
	192.168.9.103	5005	videoSupports synchronous and mixed-signal			
	FTP server IP address	FTP server port				
	192.168.9.103	21				
	Server IP Address	Server Port				
	192.168.18.8	0111	C			
	-Controller identifica	Controller identification code				
	e Barcode	PID				
	×		Enter Cancel			

Picture 151

Step 5

Select the communication mode , write the same IP as controller IP , as shown in picture :

Entry Screen (3)	H-1 / Screen-2)		
Screen List	Screen Name		
	Screen-2		
	Install Address		
5 Screen-3	a		an and the second
	Controller Type	2	
	BX-YQ5E	: Bunning	
	Width	Height	
	256	256	
	Fixed IP mode	🔘 Server mode	Total pixels:3840*1080, W≪4080,
	IP Address	Port	H≪2U48Supports 2-channel external video source supports 4
	192.168.9.103	5005	videoSupports synchronous and mixed-signal
	FTP server IP address	FTP server port	
	192.168.9.103	21	
	Server IP Address	Server Port	
	192.168.18.8	8111	
	-Controller identificatio	n code	Controller identification code:
	Sarcode	PID	
			Enter

Picture 152

Step 6

Select the controller bar code, we suggest write the bar code, as shown in picture :

Creen List	Screen Name		
□- 1 分组-1	Screen-2		
	Install Address		
Screen-3	a		
	Controller Type		ALL ALL
	BX-YQ5E	•	· Bankharak
	Width	Height	
	256	256	
	Fixed IP mode	🔘 Server mode	Total pixels:3840*1080, W≤4080
	IP Address	Port	H≤2048Supports 2-channel external video source supports
	192.168.9.103	5005	videoSupports synchronous and mixed-signal
	FTP server IP address	FTP server port	
	µ192.168.9.103	Summe Paul	
	Server If Address	8111	
	1 ¹⁹² .100.10.0		Controller identification code:
	Controller identific:	ation code	
	Barcode	O PID	_
	-		

Picture 153

Step 7

After all information is correct ,then click "OK"

Bulletin management

Bulletin management mainly used for insert bulletin.

1. Bulletin management

Click "advanced" --" bulletin management" --input password" 888" ,as shown in picture .click *(inclusion)* , as shown in picture 133.

🌆 Bullet	in Manage (g	分组-1 / Screen-	1)				×
	1 X @						
Name	Bulletin	Start Date	End Date	Valid			
		Group Setur		Send	Delete	Del All Bulletin	Close
							.:

Picture 154

2. Bulletin attribute

In the bulletin attribute area can set the display location, running speed , stay time , font size, font color , background color , alpha or not , play aging , play period and so on.

🛃 Bulletin-1		×
Arial ~ Unicode16	12 🔹 🗖	📕 100 🖨 🗌 Background Transparent
Name	display effects	Play Aging
Bulletin-1	Continuously Move \sim	Start 1990/ 1/15 🔹 End 1990/ 1/15 🜲
align	display speed	
be ahead of \sim	1	
X Y Width Height	Residence time(s)	I rlay Feriod
	0	Start 0.00:00 ¥ End 23:59:59 ¥
		Enter Cancel

Picture 155

3. Play /delete bulletin

After set all information then click "sending" to play bulletin ,or click "delete" to delete the bulletin.

🛃 Bulletin	Manage (分组	-1 / Screen-2)					×
	▶ <mark>×</mark> @						
Name	Bulletin	Start Date	End Date	Valid			
🔽 Bullet	in−1 welcome	None	None	validity			
		Group Setup	Send		Delete	Del All Bulletin	Close
							.4

Picture 156

Start 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.

- ·			0.1		
• setup	3		00	Cancel	
Size					
Width	128	•	Height	þ28	•
Logo l	ocation				
ocation					
х	0	Ŧ	Υ	0	A V
ogo Fil	e				
					Open

Picture 157

Screen debug

LED debug is mainly for fix the screen easily ,in the corner" LED" display can select open and close.

Click "advanced" --" Screen debug" then turn to the LED screen debug as shown in picture . user can select open or close screen debug.

Open Screen Debug		Close Screen Debug	
-------------------	--	--------------------	--

Picture 158

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 .

🐼 Set IP Display Flag (分约	徂-1 / Screen-1)	\times
Open IP Display Flag	Close IP Display Flag	

Picture 159

Set time zone server

In the menu of "advanced" --" set time zone server" as shown in picture



Picture 160

Group

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 140.

🛃 Group send program-Select Scre	X
Screens	
🔄 🖂 Group-2	
🚽 🔁 Group-3	
- C Group-4	
Group-5	
Group-6	
Group-7	
Group-8	
Enter Cancel	
Disture	
Picture	
161	

GroupSend	dForm						×
Send Ser	d again						
GroupN 分组-1	ScreenN Screen-1	IP 192.168.0.200	Progress 0%	Result	Send Send		

Picture 162

Group reset screen parameters

Click "group" --" group reset screen parameters" as shown in picture 142, 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.



Picture 163

🛃 Group reset Screen Parameters-S	×
Screens	
Group-3	
Group-4	
Group-5	
Group-6	
- C Group-7	
Group-8	
Enter Cancel	



Volume

Click "group" menu ,select the "group volume" --" set group volume" as shown in picture 144,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.





Brightness

Click "group" --" brightness adjustment" as shown in picture 146, then click the "OK' as shown in picture 147.

BX	×
Screens	
⊕⊠ 🗀 分组-1	
🗹 🗀 Group-3	
🗹 🗀 Group-4	
🦾 🗹 🔂 Group-8	
Enter	Cancel

Picture 167



Picture 168

Group correction time

```
In the "group--" group correction time" as shown in picture 148.
```



Picture 169

Group turn on

Click "group" --" group turn on" as shown in picture 149, 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	\times
Screens	
⊕⊻ 🔁 分组-1	
- 🗹 🚞 Group-2	
- 🗹 🚞 Group-3	
🗹 🧰 Group-4	
- 🗹 🛅 Group-5	
🗹 🚞 Group-6	
🗹 🚞 Group-7	
🖾 🗹 🔂 Group-8	

Picture 170

Group turn off

Click "group" --" group turn off" as shown in picture 150, select all screen in one group or select one of the screen then click "OK" to the sending interface , then click "send"

🜆 Group turn off-Select Screer	ı X
Screens	
🗹 🚞 Group-4	
🗹 🚞 Group-7	
🦾 🗹 🚞 Group-8	
Enter	Cancel

Picture 171

Group time for switch

Click "group" --" group time for switch" as shown in picture 151, select all screen in one group or select one of the screen then click "OK" as shown in the picture 152, after set the group time for switch , then go to the group sending interface , then click "send"
		X	
Scr	eens ☑ 🚞 <mark>分组-1</mark>		
	Croup-2		
	Croup-4		
	🗹 🚞 Group-5		
	Croup-7		
I	🗹 🚞 Group-8		
	Enter	Cancel	
	Enter Picture 17	Cancel	-
Group time for s	Enter Picture 17 witch	Cancel	
Group time for s	Enter Picture 17 witch	Cancel 2 © Ca	ncel
Group time for s	Enter Picture 17 witch	Cancel 2 © Ca	ncel
Group time for s	Enter Picture 17 witch	Cancel 2 © Ca	ncel
Group time for s O setup ing Setup turn on 0:00:01 ‡	Enter Picture 17 witch turn off 1:59:59	Cancel 2 © Ca Each two	ncel o_time grou
Froup time for s Stroup time for s Setup ing Setup turn on 0:00:01 turn on	Enter Picture 17 witch turn off 1:59:59 turn off	Cancel 2 © Ca Each two can not	ncel o time grou : be nested.
Group time for s C) setup ing Setup turn on 0:00:01 + turn on 2:00:01 +	Enter Picture 17 switch turn off 1:59:59 turn off 3:59:59	Cancel 2 © Ca Each two can not	ncel o time grou : be nested.
Group time for s C) setup ing Setup turn on 0:00:01 turn on 2:00:01 turn on	Enter Picture 17 witch turn off 1:59:59 turn off 3:59:59 turn off	Cancel 2 © Ca Lach two can not	ncel o time grou : be nested.
Froup time for s D setup ing Setup turn on 0:00:01 ÷ turn on 2:00:01 ÷	Enter Picture 17 witch turn off 1:59:59 turn off 3:59:59 turn off 5:59:59	Cancel 2 Ca Ca Each tw can not	ncel o time grou : be nested.
Froup time for s Setup ing Setup turn on 0:00:01 turn on 2:00:01 turn on 4:00:01 turn on	Enter Picture 17 witch turn off 1:59:59 ÷ turn off 3:59:59 ÷ turn off 5:59:59 ÷ turn off	Cancel 2 Ca Ca Each tw can not	ncel o time grou : be nested.

Picture 173

Group query firmware

Click "group" --" group query firmware" as shown in picture 153, select all screen in one

group or select one of the screen then click "OK", after set the group query firmware, then go to the group sending interface, then click "send"

🛃 Group query firmware-Select Scr	×
Screens	
🔄 🖂 Group-2	
🚽 🔁 Group-3	
Group-4	
Group-5	
Group-6	
Group-7	
Group-8	
Enter Cancel	

Picture 174

User management

User management mainly used for certification user .click "setup" --user manager as shown in picture 154.



Picture 175

Add user

Click "add user",在 input the password and user name as shown in the picture 155.

• • • • • • • • • • • • • • • • • • •	
JserName Use	r-1
Password	
Repassword 🗌	
Enter	Cancel



Delete user

In picture 154 ,if select one user(note: can' t delete administrator) ,click "delete" will prompt delete window ,select "yes"

Modify the password

In picture 154, click "modify password" click "OK" after modify the password.

Certification user

In picture 154, select the " certification user" , next time will prompt the user certification.

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