

LED Multi-media player

User manual



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

BX-Y08

STATEMENT

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Brief Introduction

Thanks for ordering LED control card. The design of the control card 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.

Instructions

The BX-Y08 supports high refresh and takes perfect photos. When users use the camera or mobile phone to take pictures of the LED screen, the picture will not be distorted. The communication mode of the controller is very rich, and it is equipped with a 100-megabyte network interface, which supports the external WIFI module of the USB interface, and the external 4G router will be installed in the future.

The controller provides rich of control and management software platforms, including PC software LedshowYQ and cloud platform iLEDCloud (will support in the near future).PC software LedshowYQ runs on the PC of the user's screen manager, and supports Windows XP, win7, win10 and other mainstream operating systems.This software provides a comprehensive, rich controller configuration, programming, program sending function.

Products support rich of area types, including graphics and text, subtitles, video, lunar calendar, dial, timing, temperature, humidity, bulletin, weather forecast. The upcoming addition database area feature, which can connect to mySQL, sqlserver and other format databases, can be displayed on multiple pages. This function is very suitable for high-speed railway, hospitals, Banks and other places that need to release updated information in real time.

The Y series products will also be added to support the control and management of mobile android APP, which is easy to learn and understand.Users can work wirelessly via mobile phones and tablets, easily edit programs and send data anywhere and anytime.The APP supports searching and adding screen, multi-language, dynamic preview and video transcoding.Support gestures to zoom in and out of the partition function. The product will also be designed to collect common sensor data such as temperature, humidity, brightness and noise by connecting VMF multi-function cards.Or external temperature, humidity, brightness sensor and environmental monitoring sensor can accurately measure and display temperature, humidity, brightness, noise, PM2.5, PM10, wind direction and wind speed.Provide accurate data reference for customers in places requiring strict control of temperature, humidity or noise to avoid unnecessary loss caused by improper control of temperature, humidity or noise.Combined with the new interface of environmental monitoring sensor, various environmental data can be visualized by using the sensor equipment of environmental detection, which is widely used in the construction of smart cities.

INTERFACE PORT

BX-Y08 interface instructions

BX-Y08 support external WIFI, support 1 nos of AUDIO output.



Hardware Diagram



Steps

This is fast guide to know about Y08 ,For more functions,pls check 《LedshowYQ 2018 user manual》

Add screen

1. Open "LedshowYQ 2018", after connect the controller then will prompt "new controller

access" then click here to add screen or users can click the 🛄 to add screen



reen List	Screen Parameters Scan Configuration Display parar	neter configuration
∃ <mark>亡</mark> 分组-1	Screen Name	
······ ······························		
	屏幕-1	BX-Y08
	Install Address	
	Series Type	
	Y series VBX-Y08	
	Width Height	The second
	128 🗘 96	
	IP Address	
	192.168.99.2 IP configuration	Control area 512*256
	Barcode	Max width 1024
	Сору	Max height 512
Λ		
	Data group expansion Parameters	read-back Set parameters
	Selects split output mode, doubling the refresh rate.	

2. User can There is two mode to add screen --manual to add screen and online add screen.

• Online add screen

Open LedshowYQ 2018 software, click the controller list update icon , then select the controller online to bind screen ,then click the add will be ok

COY080180	8010236 19 🗸 💽		
O Manual ad	d screen	BX-	Y08
Series	Туре	and Line	
Y series 🔍 🗸	BX-YO8 v	5	
Width	Height	THE .	
512	256	and the second s	
IP Address		_	
192.168.	1.2	Control area	512*256
Screen Name		Max width	1024
		Max height	512
Install Addres:	5		
BX-YO8			

• Manual to add screen

Pls add" manual add screen " and then select the controller type ,input the IP address then click "add" to add screen offline.

- C0Y04018061300	<u>01 10</u>			
Manual add scre			BX-	Y08
Series Type	e Y08 -		-	
Width I	Height		R.	ANE .
IP Address			Control area	512*256
192.168.9	. 140		Max width	1024
Screen Name		-	Max height	512
Screen runne		- 11 2		
Install Address		8		

IP Configuration

Step 1

Click the setup then "IP configuration" as shown in picture:



	🛃 Password		×
	Please Enter th	ne Password	

Step 3

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

Online card list		
	~	C
Automatically obtain IP address		
Use the following IP address :		
IP Address	Subnet Mask	
192 . 192 . 192 . 192	192 . 192 . 192 . 1	92
Gateway	DNS	
192 . 192 . 192 . 192	192.192.192.1	92
Port		
5005		
Install Address		
🗌 Web Server		
Server IP Address	Server Port	
139 . 196 . 231 . 196	3800	*
FTP server IP address	FTP server port	
139 . 196 . 231 . 196	2121	*
UserName		
	Settings Clos	e
	settings clos	e

Set screen parameters

Step 1

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



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

Password	4	
Please En	ter the Password	

		Cancel

Step 3

In the screen parameters setup interface, select the controller model and screen height and width

according to the screen parameters, as shown in picture :

een List	Screen Parameters Scan C	Configuration Display parameter	configuration			
☆ 分组-1	Screen Name					
	屏幕-1					
	Install Address		BX-	Y08		
	Series	Туре	- ALINA			
	Y series 🔗	BX-Y08 ~	5 Par	ATAS		
	Width	Height	EF-	T. M. LAND		
	128	128 🜻 96 🔹				
	IP Address	IP Address				
	192.168.99.2	192.168.99.2 IP configuration				
	Barcode	Barcode				
		Сору	Max height	512		
	Data group expans	sion Parameters read-	pack	Set parameters		
	Selects split output mod	le, doubling the refresh rate.				

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

reen List	Screen Parameters Scar	n Configuratio	on Display parameter	configuration		
∃ <mark>合</mark> 分组-1	Screen Name					
	屏幕-1	屏幕-1				
	Install Address			BX-	Y08	
	Series	Туре		-		
	Y series	- BX-Y08	· · · ·	20 20	THE	
	Width	Height		ET-	11-10-101	
	128	\$ 96		None of the second seco		
	IP Address	IP Address				
	192.168.99.2	192 . 168 . 99 . 2 IP configuration			512*256	
	Barcode			Max width	1024	
			Сору	Max height	512	
	Data group expa	uncien III	Parameters read-		Set parameters	
				JACK	set parameter:	
	Selects split output m	ode, doubling	g the refresh rate.			
<u> </u>				E1	Close	

WIFI configuration

Y series 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: 12345678, then click "next step",the computer will connect with the Y controller WIFI, as shown in picture

Connect to a Net	vork	×
Type the netwo	rk security key	
Security key:		
	Hide characters	
	(OK Cancel

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.)

w WIFI AP configuration (分组-1 / 屏幕-1)	×
Ssid	
Y08 AP	
Password (8 32)	

 ✓ Enable DHCP IP Address 192.168.100.2 	
Subnet Mask	
255 . 255 . 255 . 0	
	Settings

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

Step 1

In the menu ,select the "setup" ---" WIFI configuration" ,input password "888" ,then click the ICON" ⁽¹⁾ ,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 ⁽¹⁾ to connect with the WIFI.

WIFI	Name			5.点击连接
(0 (0	onbon-lihy TP-LINK_59D8		Automatically obtain I Ose the following IP a	
(0 (0 (0 (0	ONBON_WiFi \xe5\xb0\x8f\xe7\xb1\xb3\xe*** varmos1 TP-LINK-19 qzbl	Ш	IP Address 192.168.9.100 Subnet Mask 255.255.255.0	Port 5005 Gateway 192.168.9.1
(0 (0 (0 (0	onbon-bx SH-ONBON-2 D-LINK_DIR-600M+ NETGEAR40 YouXietiyu		Server configuration FIP server IP address 192.168.9.100 Server IP Address	FTP server port 21 Å
⊙ ⊙ sid	D-Link_DIR-600M	Ŧ	192.168.18.8 Heartbeat interval 21 * s	
Passwo G	ing the state of t			connection

After successfully connect ,remove the Y controller network cable ,connect the computer with the wireless router ,network cable connect or WIFI connect both is ok.then the LedshowYQ 2018 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".

creen List	Screen Parameters	Scan Confi	guration Display	parameter conf	iguration		
⊡- <mark>Ѽ 分组-1</mark> └── 員 screen-1	Quick 1/32 (1/32) 16.1 16.2 16.3 16.4 16.5					r v	
	Mainstream module						
	Mainstream module P4 64 × 32 T75 P5 32 × 32 T75						
	P4 64×32 T75		Color channel	Data Polarity	OE Polarity	Chip type	
	P4 64×32 T75	xport 🔻	Color channel R - G - B v		OE Polarity Low V	Chip type General chip	< >
	P4 64×32 T75 P5 32×32 T75						~

1. Cascade direction:

From left to right, from right to left ,from up to down ,from down to up ,four mode of cascade direction.

- 2. 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.
- 3. 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 Full color	Module width	Chip type General chip V	Row decode mod
Empty points 0 🜩 odule cascade directio	n		
From right to left	C) From left to right	
O From top to botto	om C) From bottom to top	
Module width must	t be the actual width	of the module, otherwis	se screen will display

Step 2

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

🛃 Smart setup	o wizard-2	×
Screen changes		
	matically changes one time every 4 seconds, observe the e to choose right answer	LED module in
O1 ● 2		
Display status	State 1 display black, state 2 display white	~
	Previous step Car	ncel

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"

Status autor	matically changes one time every 4 seconds, observe th	o I ED modulo i
	e to choose right answer	ie EED module i
O1 ● 2		
0- 0-	State 1 to 2 low brightness	~
○1	State 1 to 2 low brightness	v

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 "status automatically changes one time every 4 seconds, observe the LED module in display state to choose right answer" then click "next step"

Screen changes		
Status automatically display state to cho	v changes one time every 4 seconds, obside the second s	serve the LED module in
display state to the	ose right dromer	
Display status 1	Red	~
O Display status 2	Green	~
O Display status 3	Blue	~
O Display status 4	Black	~
	Previous step Next step	Cancel

Step 5

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

number of rows	
6 🌲	

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

· · · · · · · · · · · · · · · · · · ·		
icreen lights up the numb	er of rows	
<u> </u>		

Step 7

Set the module scan mode as shown in picture ,then make coordinates as shown in picture ,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
-				_												
-				-												
-				-	-							-		_		
														_		
ŀ																
0	_			_										_		
1	_			_												
2	-	_		-										_		
4	-	_		-								-		_		
5																
6																

																			Back		Reset
	1	2	3	4	5	6	7	8	9	10 1	1 12	2 13	3 14	4 15	5 16						
L	1	2	3	4	5	6	7	8	9	10	1	2 1	3 1-	4 19	5 16						
2	17	18	19	20	21	22	23	24	25	26	7 2	3 2	9 30	31	1 32						
3	33	34	35	36	37	38	39	40	41	42	3 4	4	5 46	5 47	7 48						
4	49	50	51	52	Pr	omp	ot												1	x	
5	65	66	67	68																	
- 1	81	100	83	100																	
D	01	82	83	84		1							- A.	- ÷		 	i	. P. 1			
	495	480	100	100		(1	no								eted, such he <sm< td=""><td></td><td></td><td>ny can</td><td></td><td></td></sm<>			ny can		
7	97	98	100	100)	no								eted, suche <sm< td=""><td></td><td></td><td>ay can</td><td></td><td></td></sm<>			ay can		
7 8	97 113	98 114	99 115	100			D	no											iy can		
7 8 9	97 113 129	98 114 130	99 115 131	100 116			1	no													
7 8 9 10	97 113 129 145	98 114 130 146	99 115 131 147	100 116 132				no											ay can 确定		
7 8 9 10 11	97 113 129 145 161 177	98 114 130 146 162 178	99 115 131 147 163 179	100 116 132 148 164 180					t di	splay	/ pro	ope	rly,	ple	ase re						
7 8 9 10 11	97 113 129 145 161 177	98 114 130 146 162 178	99 115 131 147 163 179	100 116 132 148 164 180		198			t di	splay	/ pro	ope	rly,	ple							
7 8 9 10 11 12	97 113 129 145 161 177 193	98 114 130 146 162 178 194	 99 115 131 147 163 179 195 	100 116 132 148 164 180 196	197		-	200	t di	splay 202 2	/ pro	4 20	rly, 5 20	ple.	ase re						
7 8 9 10 11 12 13	97 113 129 145 161 177 193 209	98 114 130 146 162 178 194 210	99 115 131 147 163 179 195 211	100 116 132 148 164 180 196 212	197	214	215	200	t di 201 (217 (splay 202 2 218 2	/ pro 03 20 19 22	ope 4 20 0 22	rly, 5 20 1 22	ple. 6 20 2 22	ase re 7 208						



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

picture

reen List	Screen Parameters	Scan Config	uration Cor	mect Configur	ation Dis	play parame	ter configura
分组-1 └── ─ Screen-1	© Quick © 1/32 (8.0 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9		◎ 1/4	🔊 1/2 💿 Sta	atic 🔘 Other	r Full color	•
	8.10						
	Mainstream module						
	Mainstream module P5 32×16 T75						
			Color channe	el Data Po	olarity OE	Polarity	Chip type
		export 🔻	Color channe R - G - B	el Data Po			Chip type General chip
	P5 32×16 T75		-				

Reset screen parameters

Set "setup" then select the "reset the screen parameters" to set the screen parameters again.



Check the screen state

Click "setup"选择"设置"菜单下的"状态查询"功能,用户可以查看到控制器的连接状态,如下 图所示:



MAC configuration

Select the "MAC configuration" function ,input the password "888" then user can check or update automatically about the controller MAC address in the LAN ,then set the MAC like the follow picture:



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	I	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 Saver Interface fixed ,then only click the" OK "

to open software, IP address and port is

127.0.0.1 141	
	4147

Step 2

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

Page:	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 By Add user account Maxir Please enter the name of the user account that should be added: Conn Fred	E Add Remove
	Desc G OK Cancel	Rename Copy
ОК	You can enter some comments about the user	

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

FileZilla Server (127.0.0.1)	_			_ 🗆 ×
🦩 🖀 🐘 🕵 🧣 🛛 /c/ c/	. 📰 🔸			
FileZilla Server version 0.9.37 beta Copyright 2001-2010 by Tim Kosse (tim koss Connecting to server	se@filezilla-project.org			
Connected, waiting for authentication Logged on	Users		X	
Retrieving account settings, please wait Done retrieving account settings	Page:	Account settings	Users	
Duna terreving account secongs	- General - Shared folders - Speed Limits - IP Filter	Image: Second	anotytrous Pantock Korika newusar Fanoboc	
		Bypess userlinit of server Magmum connection count: O Connection (mit per IP: O Earce SSL for user login	Add Barnoves Regares Copy	
	54	Description	14	
ID Account	OK Cancel	You can enter some comments about the user		
Ready			0 bytes received 0 B/s 0 bytes	sent OB/s 🏾 🚳 🥖

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		Fi	Users	
General Shared folders Speed Limits IP Filter	Directories	Aliases	Files		
	<		+ Subdirs	Add	Remove
	Add F	Remove Rename	Set as home dir	Rename	Сору
ок	path. Separate multip	le aliases for one direct	fied location. Aliases mus ory with the pipe charact structures, it will only cor	er ()	tual

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 :

Step **6**

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

age:	Shared folders	Users	
General Shared folders Speed Limits IP Filter	Directories Aliases H F:	Files V Read V Write V Delete V Append Directories V Create V Delete V List	
	Add Remove Renam Add Remove Renam A directory alias will also appear at the spec path. Separate multiple aliases for one direct If using aliases, please avoid cyclic director	ified location. Aliases must contain the full virtual tory with the pipe character ()	nove Ipy

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



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)then click the OK to confirm.

	*					
■运行状态		虚拟服务器				
•快速设置						
■高级设置 ■DHCP服务器			3 /	端口和局域网网络服务器; 重定位给通过IP地址指定的		
		ID	服务端口	内网IP	启用	劉 除
■虚拟服务器		1.	8015	192.168.99. 100		
■虚拟服务器		2.	8016	192.168.99. 100		
DTZ主机		3.	8017	192.168.99. 100		m
●UPnP设置 ●UPnP映射表		4.	8018	192.168.99. 100		10
。 带宽管理	E	5.	8019	192. 168. 99. 100	V	1977)
- A - C		6.		192. 168. 99.	m	
安全设置		7.		192. 168. 99.		
路由设置		8.		192. 168. 99.		
系统工具		9.		192.168.99.		
●退出登录		10.		192. 168. 99.		
● 液回向导		常用服务端口:	DNS(53)	▼ 填充到 ID	1 💌	

General settings	General settings			FileZilla Serve	
Welcome message IP bindings	Connection settings				
IP Filter Passive mode settings	Listen on these ports:	8016		List of ports between 1 and 65535. These ports are used both for plain FTP and explicit FTP over TLS. (Default port: 21)	
Security settings Miscellaneous	Max. number of users:	Max. number of users: 30 (0 for unlimited users)			
Admin Interface settings Logging	Performance settings				
	Number of threads:	2	This value should be a multiple of the number of processor installed on your system. Increase this value if your serve is under heavy load.		
	Timeout settings				
	Connections timeout:	120	in seconds (1-9999, 0 for no timeout).		
	No <u>T</u> ransfer timeout:	600	in seconds (600-9999, 0 for no timeout). This value speci the time a user has to initiate a file transfer.		
	Login timeout:	60		9999, 0 for no timeout). This value specifies ich a new user has to login.	
ОК	19-				
Cancel					

2. Built Server-U

Step 1

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



:



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



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)then click the OK to confirm

- 运行状态	Â.	虚拟服务器				
 ●快速设置 ●高级设置 		虚拟服务器定义		口和局域网网络服务器; 定位给通过IP地址指定		
DHCP服务器		ווים מאני כי אתובייזאני (נום	服务端口	post in the second s	。 自用 自用	
■虚拟服务器		1	8015	192.168.99. 100		
虚拟服务器		2.	8016	192.168.99. 100		
DIZ主机		3.	8017	192, 168, 99, 100		<u> </u>
UPnP设置		4.	8018	192.168.99. 100		0
UPnP映射表		5.	8019	192.168.99. 100		100
■帯宽管理	E	6.		192.168.99.	1 m	[]]
安全设置		7.		192.168.99.		(?)
■路由设置		8.		192.168.99.		
系统工具		9.		192.168.99.		
- 表出登录		10.		192.168.99.		
▲ 液回向鼻		常用服务端口:	DNS(53)	▼ 填充到 ID	1 -	

● Serv-U 管理控制台 - 主页		×)
Serv-U 了管理·服务器) 3	登录: (本地管理) 👔 帮助	
管理域 选择一个域 (1) 域向导 - 步骤 2 总步骤 3	(
 減詳細信息 ・編辑域名和说明 ・配置域的监听器 ・推护虚拟主机名 ・通置域 IP 访问 ・为域中的帐户和 ・为域中的帐户和 	访问设 <u>置</u> 。 信息。	ш
● 创建、修改和作 ● FTP和 Explicit SSL/TLS 8016 ● 创建、修改和作 □ Implicit FTPS (SSL/TLS) 990 ● 配置 Windows □ 使用 SSH 的 SFTP 22 ● 数4 □ HTTP 80	户。 库中的全局用户帐户。 祖。	
 ・创建、修改和册 ・创建、修改和册 目录 	库中的全局用户群组。 访问权限。 1根目录以外的位置。	
・ 为域内所有用 ・ 创建并维护虚乱 ・ 创建并维护虚乱 ・ 创建并维护虚乱 ・ 创建并维护应用 ・ 创建并维护应用 ・ 创建并维护应用 ・ 创建并维护应用 ・ の ・ ・ ・ ・ ・ ・	制。	
	-	▼ 域:

Input computer IP as shown in picture .



Step 5

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



第6步

Click "YES' as shown in picture

● Serv-U 管理控制台 - 用户 ● S [#] E FYV-U	 回 X 管理城: (onbon ftp) 登录: (本地管理) ● 幕助
8 用户 - 创建、修改和删除该域的用户帐户。 或用户 数据库用户 Windows 验证	
读列表显示了允许连接到活动域的用户帐户。使用此 选择用户都合 常规	列表和列出的按钮对域用户进行维护。
	期向导创建用户码? 是 否

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



Step 8

the password also must be guest (password must be guest) , then click "next step "as shown in picture $\hfill {\ensuremath{\mathsf{s}}}$



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	
域用户 数据库用户 Windows Nite	
● 用户向导 - 步骤 3 总步骤 4	
这四月户里台 常规 次迎使用 Serv-U 用户帐户向导。该向导帮助您快速创建新用户,以访问 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 図第二	
<<上─歩 下─歩>> 取消	E
🔛 导航 👘 FTP Voyager JV 🐧 基本 Web 客户端 触 更改城	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	域:

Serv-U 管理控制台 - 用户	BURGLANDS NAME AND	
202	驱动器:	<u>^</u>
「注意に 対意に考点」 W	F:/ 💌	
5. BRIDERT	名称▲	
RE.D.		
		F
凉加 编辑 删除	目录: 0 文件: 0 大小: .00 KB	
	/F:/chenm/ftp	
	选择取消 湍	🕨 更改域 🛛 💋 注销
服务器正常运行时间:0日,01:3	33:11 会话:当前0;过去24小时0;总计0 上行:0字节;下行:() 字节

Step 10

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

Serv-U 管理控制台 - 用户		
域用户 数据库用户 W	/indows 設正	
♀ 该列表显示了	⑦ 用户向导 - 步骤 4 总步骤 4	
世経用や集合 常規	☆ 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 您的文件服务器。	
登录 ID 。	选择要授予用户在其根目录的访问权限。只读访问允许用户浏览并下载文件。完全 访问使用户能够完全学控在其根目录内的文件和目录。	
	访问权限: 完全访问	
添加」編辑」世	陈 杨初 医 同导	
	👔 FTP Voyager JV 🐧 基本 Web 客户读 🗼 更改域 💋	注销
	DL . Soft	
务器正常运行时间:0日,01	x41:05 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

Set controller IP information

Step 1

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



Step 2

Click LedshowYQ 2018, click "setup" -- "" IP configuration", as shown in picture.

Eedsnow (Q 2018 ASTINC Media				
File(F) Edit(E) Common(C)	Setup(S) Advanced(A) Group(G)	Language(L) Help(H)		
New Open Save As Program	Set Screen Parameters Reset Screen Parameters	Weather Sensor Delete	Volume Brightness	Correction tir
(?) ☆ 分担-1 (?) (# 屏幕-1 (?) (# Program-1 (?) Subtitle-1	Check the screen state IP configuration MAC address configuration Firmware Maintenance Sensor Maintenance WIFI configuration WIFI AP configuration			
	Server configuration User Manage Cloud backup		Battam	3

A LedshowYQ 2018 ASYNC Media Editor

Step 3

Input "888", click" OK", as shown in picture.

**	**	lease Enter t	the Password	
**	**	Tease Enter 1		

Step 4

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 .

Port 🗾 🦯	write the port nun	nber
8015		
V FTP server is the	machine	
		Close

Step 5

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

Ethernet			
 Automatically obtain IP address Use the following IP address : IP Address 192.168.0.2 Subnet Mask 	Port 5005 Gateway		utomatically if your network supports ed to ask your network administrator tically <u>The</u> font two IP
255.255.255.0	192.168.0.1	Ose the following IP address:	
Server configuration		IP address: Subnet mask:	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	utomatically
Heartbeat interval		Use the following DNS server	addresses:
21 A		Preferred DNS server:	192.168.1.1
	Settings	Alternate DNS server:	172.16.1.1
e sure to use this feature, the LAN is on vill put all of the LAN controller is set to			Advanced
	Close		OK Cance

Step 6

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 www.ip138.com by input" network ip) if other country need use google is also ok.as shown in picture

ernet	
 Automatically obtain IP add 	ress
O Use the following IP address	55 :
IP Address	Subnet Mask
192.168.9.102	255.255.255.0
Gateway	
192.168.9.1	
ort	
5005	
Server configuration	♥ Web Server □ Custom FTP server port
222.66.141.11	21
Server IP Address	Server Port
222.66.141.10	8105
Heartbeat interval	
21 × s	
UserName	Install Address
	a
P server is the machine, SetupN	Mode: File>> Setting
sure to use this feature, the LAN put all of the LAN controller is s	l is only one controller! Otherwise, set to the current IP address.
	Close

Step 7

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

Controller connect to the wireless route

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 $\$



Step 2 Network cable connect the controller and router , as shown in picture .



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.



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 .



ADD PROGRAMS

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 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.

2. Program attribute

Program Name	Program-1	
Order Play	times O Play Time 255 🔹 second	Play Period Start 0:00:00 End 23:59:59
Play Aging		U 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.

🙆 🗋 🗐 🕈 🎍 🗙 🍩

2. Picture zone attribute

All picture attribute as shown in picture



- 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.



Firmware maintenance

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

FPGA firmware maintenance	Receiver card maintenance	
Modified Time		
XSer version		Check
Version	Modified Time	
		Update
	Modified Time	XSer version

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 is to update receiver card firmware ,then click "update".

Firm	ware Mainter	iance (分组-1/Screen-1)				\times
irmwar	e Maintenance	FPGA firmware maintenance	Receiver ca	rd maintenance		
Update	receiver card fi	rmware				
Numbe	er 🗹 All	Controller type	Version	Send card	Port	Recei
						>
						-
-irmwa	are name					17 E
				Check	¢ Up	idate
<u>•</u>	FPGA versio	ite controller, FPGA firmwar on of the firmware, and plea : from this factory!	e, please con se operate th	firm to match wit is function with	h the contr the help of	oller,

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

🛃 Brightness (分组-1 / Scree	n-1)	×
Manual brightness	○ Timing brightness	○ Automatic brightness
Dark(1)		Light(255)
		Setup Close

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

♦ 。

Brightness (分组				
ming brightness	Manual brightness	Automatic brightness		
Dark	(1)		Light(255)	
				255
			Setup	Close

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.

	ness (分组	-1/屏幕	寡-1)												
ming b	rightness	Manu	al brightnes	; Auto	matic b	orightness									
	Default Custom		☑ BX-VMF			16 - 15 - 14 -									
1	10	×.	9 873	*	en	13-									
2	24	<u>*</u> 1	1100	*	Brightness level of display screen	12 - 11 -									
3	60	1	1 1793	*	lf displ	10- 9-									
4	148	÷ 1	3336	*	level o	8- 7-									
5	280	÷ 1	6207	4 ¥	ntness	6-									
6	437	÷ 1	11551	4 ¥	Brigh	5- 4-									
7	550	÷ 1	21495	×		3- 2-									
8	693	÷ 1	40000	×		1 0	5000	10000	15000 Am	20000 Ibient br	25000	30000	35000	40000	45000

Volume



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.

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.

🔘 setup		● Cance	l
ming Setup			
turn on	turn off	<u>.</u>	
0:00:01	1:59:59	÷	
turn on	turn off		group can not be ested.
2:00:01	3:59:59	.	
L turn on	turn off		
4:00:01 🗘	5:59:59		
turn on	turn off		
6:00:01	7:59:59		
		Setup	Close

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

Bulletin management

1. Bulletin management

Click "advanced" --" bulletin management" --input password" 888" ,as shown in picture .click *m*, as shown in picture

🛃 Bulletin I	Manage (分	组-1 / 屏幕-1)			•	×
Z † ↓	×					
Name	Bulletin	Start Date	End Date	Valid		
Group	Setup	Send		Delete	Del All Bulletin	Close

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 Vnicode16	12 🛊 🗖 🧰	📕 100 🚖 🗌 Background Transparent
Name	N 3 00	
	display effects	Play Aging
Bulletin-1	Continuously Move 🗸	Start 1990/ 1/15 🔹 End 1990/ 1/15 🌲
align	display speed	
be ahead of \sim	1	Play Period
X Y Width Height	Residence time(s)	
	0	Start 0:00:00 \$ End 23:59:59 \$
		Enter Cancel

3. Play /delete bulletin

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

		-1 / Screen-2)						
7 1 🤳 Name	🗙 🎯 Bulletin	Start Date	End Date	Valid				
7 Bulletin	1 welcome	None	None	validity				
	<u> </u>							
		Group Setup	Send		Delete	Del All	Bulletin	Close
					in the second			

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.

🋃 Logo 🛛 (分组-1 / Screen-1)				×
setup			00	Cancel	
Size Width	128	•	Height	þ28	A
🗌 Logo L	ocation				
Location					
х	0	×.	Y	0	*
Logo File	,				
					Open
			Sett	ings	Close

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 S	reen Debug	Close Screen Debug
--------	------------	--------------------

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 .

Open I	P Display Flag	Close IP Display Flag
--------	----------------	-----------------------

Set time zone server

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

Set Timezone server	(分组-1/ ×
IP Address	
time.nist.gov	
Settings	Close

Set APN

Click the "advanced" then select the set APN menu as shown in the picture ,then fill up the user name ,password ,dial number and APN name then click the "settings" to finish the setup task.

Set APN (分组-1 / 屏幕-1)		
APN		
cmnet		
UserName		
CARD		
Password		
CARD		
Dial number		
*99#		
	Cattinga	Close
	Settings	Close

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