

E2X Series Screen Configuration And TAXIHUB Platform

Instructions

Version: V.1.1



Statement

Dear user friend, thanks for choosing Shanghai Xixun Electronic Technology Co., Ltd. (hereinafter referred to as Xixun Technology) as your LED advertising equipment control system. The main purpose of this document is to help you quickly understand and use the product. We strive to be precise and reliable when writing the document, and the content may be modified or changed at any time without notice.

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Overview

With the growth of LED vehicle signs, more and more end users require wireless transmission, remote cluster management and joint with third party applications via WiFi or 4G internet, also require to operate by smart phone.

Shanghai Xixun SYSOLUTION designed E2X for all those requirements, which will lead the development of led vehicle signs market and make users to accessing in a simple way.

E2X series including E22, E24 and E26 modes, all adopt Qualcomm MSM8909 platform solution, MSM9809 CPU is made by 28nmLP CMOS technology, with four core main frequency 1.1GHz, storage 1GB+8GB(compatible with 2GB+16GB) LPDDR3. It is a highly integration product, which can support GSM, WCDMA, TD - SCDMA, EVDO, TDD - LTE, FDD -

LTE etc.

nanona

Functions And Features

- 1. E22 integrates 2+1 HUB75E port; E24 has 4+1 HUB75E port; E26 has 6+1 HUB75E port;
- 2. Designed for led vehicle text sign, with "Guest" and "NO Guest" independent interfaces;
- 3. Onboard WiFi modem, support AP and Station mode;
- 4. Support customized development and cloud web platform control;
- 5. Build in Web server, support editing local web page, also allow to editing and sending programs from laptop, iPhone, android phone, with offline LEDOK express software to send programs within local network;
- 6. Support RGB module with1-32 scanning and static types;
- 7. Industrial on board Flash: 8GB.

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Interfaces Description





E26 interfaces & description

Technical Parameters

Features		Description	×.						
Туре	E22	E24	E26						
	256*32	256*64	256*192						
	(has 2 HUB75 port)	(has 4 HUB75 port)	(has 6 HUB75 port)						
Resolution	No need receiving	No need receiving	No need receiving						
	card	card	card						
Communication type	4G full Netcom、WiFi、USB								
CPU	Quad-co	re A7 (32bit) four core	es 1.1GHz						
GPU	2	A307 409.6MHz							
RAM	8	GB Emmc+1GB LPDDR	3						
Operation system	th.	Android 5.1							
WiFi		IEEE 802.11b/g/n 2.4G							
GPS	GI	NSS GPS/Beidou/Glona	SS						
Bluetooth		Bluetooth BT4.1							
0		-China							
		FDD-LTE:B1/3							
3G/4G frequency		TDD-LTE:B38/39/40/41							
(optional)		TDSCDMA:B34/39							
		WCDMA:B1/8							
		CDMA 1X/EVDO:BC0							
		GSM:B3/5/8							

Audio	support
Camera	support
Weather forecast	support
Readback display	
content	support
Software	Easyboard
handhai	the strong of th

Hardware Connection Diagram



peration Procedures



LED Display Smart Setup

1. Software Connection

Dial the control card dial code to AP, the computer will search the AP hotspot (EXX-XX-XXXX) released by the control card, click "Connect" and enter the password (the default password is 12345678).



2. Network Configuration

Click "System network server configuration" on the main interface of EasyBoard to configure the cloud platform account and network.

Select operation	Easy®	oard-v194
Current control card:e24-820-40306		
CardSystem settings		
	LED screen smart setup wizard	
	C LED screen configuration import and export	
	System common parameters settings	
	II System network server configuration	
	ELED screen test	
	System version management	
	* Advanced parameter setting	
	Binding Terminal	
	Return to previous menu	
Cloud platform a	Account binding	
Cloud platform a	Idress and company ID and click "Save" .	
Cloud platform a Inter the web server ad The server address in C	Account binding Idress and company ID and click "Save". hina is: www.taxihub.cn	
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Cloud platform a inter the web server ad the server address in C the foreign server addr the foreign server addr Configure The Network And Web server Current control cardie24-820-40306 Web Server Addresse taxihub.cn:2340	Adress and company ID and click "Save" . hina is: www.taxihub.cn ress is: www.ledaips.com as ANS res Custom	C X
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Cloud platform a inter the web server ad the server address in C the foreign server addr Configure The Network And Web server Current control card(e24-820-40306 Web Server Address: taxihub.cn:2340 As Portable Hotspot	Adress and company ID and click "Save" . hina is: www.taxihub.cn ess is: www.ledaips.com as ANS ws company ID: xiaowu Company ID: xiaowu	oard-v194
Cloud platform a nter the web server ad 'he server address in C 'he foreign server addr 'he foreign se	Adress and company ID and click "Save" . hina is: www.taxihub.cn ess is: www.ledaips.com as Alls ws company ID: xiaowu Company ID: xiaowu	Coard-v194

(1) Enable "WiFi switch", waiting for 3 seconds, and click "Scanning WiFi", select the WiFi name and write down the WiFi password. Click "Save".

WiFi switch ON	Open
WiFi Hot Spot:	
II Scanning Wi	Fi Xixun_officeSignal intensity 99 T Custom
WiFi Password :	
۲	No wifi password

- (2) After set the WiFi parameters, adjust the switch to WIFI mode, For Y/M series controller, just remove LAN cable will be ok.
- (3) Wait for about 3 minutes, controller will come online. Please watch the "Internet" light, if it flashing regularly means online success, go to Taxihub platform and check it.



Notes:

If could not scanning the WiFi, please try to turn on/turn off Software or WiFi Switch.

If controller can't get access to internet through WiFi, please double check the steps below:

- 1) WiFi antenna plug correctly;
- 2) WiFi password is correct or not;

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- 3) If the Wireless router being accessed too many terminals?
- 4) E series controller switch on WIFI mode?
- 5) Try another WIFI hot spot.
- 6) Y/M series controller, please make sure the LAN cable removed.

5. 3G/4G Configuration

(1) Enable 3G/4G option, Choose correct country code, 460 is Chinese code for example (If

do not know your country code, please click Network status detection button and check

			<i>c</i> .	_					
IMSL	number	the	first	3	numbers	are	the	country	code)
	indino ci,	CITC	111.50	-	nannoers	are	CITC	country	coac).

As Portable Hotspot				
Network Settings				
WiFi switch ON	Open			
WiFi Hot Spot:		C.		
II Scanning WiFi xix	unSignal inten	sity 99 Custom		
WiEi Password :				
•	No		-	
		State detection		
APN Settings:		WiFi:Connect		
A If you do not know the coun	try code, please click on the "N	WiFi SSID:"xixun"		
🖆 Network Status Detec	tion	WiFi IP:192.168.2.103		
		WiFi Speed:72Mbps		
4G switch	pen Huaw			
Custom		3G		
CountryCode	2: 460	State: Ready state		
ADM- LIMIN		IMSI: 460069057037713 Country code: cnPhone number:	ausset	
Arn. Onin		User: China Unicom		
		Service status: Normal signal		
Network port IP parameter setti	ngs:	Roaming: Not roaming		
A Please fill in the standard ip	address: Automatic acquisition	DataActivity: Data connection status: activities, but no		
Ip address	0 . 255 . 255 .	DataState: break off		
Default gateway		SignalStrength: -99		
Subnet mask		Close		
Realtime Server				
	192.168.0.161:8081	∠Save		
← lastStep				nextSte

(2) Select the Operator name and input or auto-recognize the APN, then click "Save" .

▲ If you do n	not know the country code, please click o ork Status Detection	the "Network Status Detection" view IMSI, the first three digits for the national code	
Custom	CountryCode: APN: Password:	APN Name: User: Save	
RealtimeServ	ver	∠ Save	
← lastStep		nextStep →	

(3) After save 3G parameters, waiting for about 5 minutes, please check if card online in

Taxihub platform. "Internet" light will flashing fast for dialing up then flashing regularly

means get online success.

Notes:

If controller can't get online success, please checking following things:

- 1) 4G antenna has plugged correctly?
- 2) Y/M series controller, make sure the LAN cable removed.
- 3) APN is correct or not?
- 4) SIM card has activate? SIM card has enough money and 4G data service?
- 5) Check 4G signal at least 13 and above? Click Network status detection to check 4G signal.

Platform Release Program

1. Add AD

(1) Enter the "Release By Grouping" interface, and click 💛 to add a program.



(2) Edit "Campaign Name".



(3) Open the "Media Library", select an existing material or upload a local material, and then

click

TAXI-HUB		15870084520 -	•	
Dashboard	0			
🕲 Map	Advertising campaignName Media Library			
🖨 Terminal Control	Caution: support video forms Click On The Upload Click On The Upload No Transcoding No Transcoding			
💰 Release By Grouping	duration(S): 0 15 GIF Video			
🕮 Release By Quantity	Select Vehicle Total Length 1			
Release By Fixed Point	If 照片1.07KB pload finished No Trans coding If SYSOLUTION 没有面多了 No Yes Clickthe	Contract The to download videos format failens	tor	5

(4) Select "Duration", the image can choose the existing time long or a custom duration. (Unit

is second, video animation automatic identification time)





2. Release Advertisement

(1) Go back to the "Campaign List" unreleased page.

TAXI-HUB	0	0 Terminal No: 1 Online Ratio: 100 % Disconnected: 0 <u>Off-line device sensert</u>																			
	G																				
	Ads List Total Numbers 1 <u>Advertising Sort</u> 个的现在分词 第二个的现在分词 化合同分子 计数																				
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🖒 Release By Grouping	1	test1	IMAGE	20	To Examine	Release	Stop	Modify	Delete	Pending review	2021-12-30 14:51:07	- Start Time		1 @	1@	0 @	0	List	map	Charts	Export

(2) Click "Put" to choose to place the advertisement immediately, or set a timing for the

advertisement.

																		× .	
TAXI-HUB		Deminal No: 1 Online Ratio: 100% Disconnected: 0 Off-line-device-execut															٥		
Dashboard	¢																		
🕲 Map		Ads List Total Numbers 1 <u>Advertising Sort</u> 「告状先版力: 最後 > 現本 > 分把 > 计数																	
🙈 Terminal Control	Ur	Unrelessed Relessed Terminated All																	
	NO.	Name	Name Material duration(5) Operate						Status	Create Time	Start Time	End Time	Group	Terminal No	Stop Ads Result	Operation Records	Play Log		
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📟 Release By Quantity					01	Release Now													
Release By Fixed Point					0	iet Date													
					e	2021- <mark>1</mark> 2-30	14:41:06							Ť					
								ок)						
												•							

(3) Click "OK", there will be a window indicating whether the operation is successful.



(4) You can see the newly launched advertisement on the "Released" screen.

	TAXI-HUB	AXI-HUB Terminal No: 1 Online Ratio: 100% Disconnected: 0 Off-line device secont														(15870084520 -					
3	第 Dashboard ② Map ▲ Terminal Control	U	released	Ads List Total Numbers 1 <u>Advertising Sort</u> শিল্পসেক্ষ্যণ: এএন আৰু ১পজ ১পজ ১পজ ১পজ ১ Released Terminated All																		
)	d Release By Grouping	NO. 1	Name test1	Material IMAGE	duration(S) 20	To Examine	Release	Operate Stop	Add Group	Delete	Status Place	Create Time	Start Time	End Time	Group	Terminal No	Stop Ads Result	Operation Records	List	Play	Log	Export
										P												

(5) Click "Stop" to set the advertising playing period, when the time will automatically

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remove the advertisement.

the AD.

TAXI-HUB	Image: Terminal No: 1 Online Ratio: 100% Disconnected: 0 Off-line device protect Off-line Ratio: 100% Disconnected: 0 Off-line device protect													٥							
	6																				
	Ads List Total Numbers 1 Advertising Sort ি শেষস্কেটা: এএ সার্জ সন্ধা গার্ম Unrelessed Terminated All																				
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						O Stop															
						 Set Stop Date 	e And Time														
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(6) In "Stop Ads Result", click "Details" to view the terminal that has downloaded and played

TAXI-HUB																	158700	٥				
Dashboard	G	0														7						
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 Release by Exect onic 															_	-						

(7) If you need to add more ads, click to add them again.



End Of Page

This is the end of the introduction on the use of E2X series, I hope that through this brief explanation, you will be helpful in the future use of the process.

Again, we thank you for choosing Shanghai xixun control card as your LED advertising equipment control system, if you have any questions or suggestions about our products, please call 400-608-6499or send mail to service @xixunled.com for feedback to us.

For more information on the Internet cluster control solution for LED advertising equipment control, as well as related instruction documents, please visit our website: www.ledok.cn for detailed information. If necessary, the online customer service will communicate with you in time. The industry experience will definitely give you a satisfactory answer, Shanghai Xixun sincerely looks forward to the follow-up cooperation with you!

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Sincerely with our best wishes

Shanghai XiXun Electronics Co.,Ltd.

2022/04