# Central control system

User manual

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## **1. Feature introduction**

The central control system of Shengong is a programmable central control system, allowing users to define their own control commands. Classified by command functions: keyboard commands, software execution commands, power on/off commands, serial port commands, file transfer and synchronization, and other software commands without passwords. Command execution modes: real-time and scheduled. Transmission protocols: UDP and TCP. The control terminal can be a computer where the control system is installed, or mobile phones, tablets, or another computer within the same local area network (LAN) as the aforementioned computer. The Android system has a central control software, and other system devices can be controlled by connecting to the central control system server through a web browser. All commands can only be set on the central control server.

## 2. Running installation environment

Minimum system requirements: Windows 10 64-bit. Component requirements: 64-bit VC++2015 library.

## 3. Installation

Double-click the central control system installation package to enter the installation wizard interface.



Click "Next" to proceed with the installation procedure.

Central Control System V3.	.3 Setup	- 0 :
Choose Install Location		
Choose the folder in which to inst	tall Central Control System V3.3.	
	System V3.3 in the following folder nother folder. Click Install to start (	
rouer, dick browse and select an		
Destination Folder		
Destination Folder	CSystem	Browse
C: \Program Files (x86)\SGCC	esystem	Browse
C:\Program Files (x86)\SGCC Space required: 210.5 MB	25ystem	Browse
C: \Program Files (x86)\SGCC	25ystem	Browse
C:\Program Files (x86)\SGCC Space required: 210.5 MB	25ystem	Browse

To change the installation directory, click "Browse" to specify a new installation directory. With the default installation directory, click "Install" to proceed with the installation procedure.

hoose Install Location			-
Choose the folder in which to inst	tall Central Control System V3.3	3.	3
Setup will install Central Control S			
folder, dick Browse and select an	nother folder. Click Install to sta	rt the installati	ion.
Destination Folder			
Destination Folder	<u>System</u>	Bgs	owse
	System	Br	owse
C:\Program Files (x86)\SGCC	System	Bg	owse

Then wait for the software to install it.

Extract: libcef.dll 82%		
Extract: zmon.png		
Extract: zoff.png 100%		
Extract: zon.png 100%		
Output folder: C:\Program Files (x86)	SGCCSystem	
Extract: PageTemplate.html 100%		
Extract: Server.js 100%		
Extract: TempPage.html 100%		
Output folder: C:\Program Files (x86)	SGCCSystem	
Extract: icudtl.dat 100%		

Finally, click Finish to complete the installation. Check the "Run Central Control System" checkbox to automatically launch the software.



Upon first launch, a registration page will appear. Enter the registration code and click "Register" to complete the software registration.



After successful registration, a prompt saying "Registration Successful! Please restart the program" will appear. Click "OK" to proceed.

提示 Prompt	$\times$
(1) 注册成功!清 Registration su Please run the	
	OK 确定

Then reopen the software, and it will default to the central control status page, but it will be empty. You will need to manually add content.



## 4. Current status

#### **Editing status**

Click the "Settings icon>> "Current Mode" >> "Edit" in the upper right corner to enter the editing page.



## Adding page

Click the "Edit Menu" icon at the top right of the page, then click "New Page" to add a new page. (Tip: If a page has already been added and the name has not been modified, when adding again, it will prompt you to modify the name. Only after modifying the name can you continue to add pages.)



## Page name modification

You can modify the page name at the bottom right of the page. After entering the modified name, click the "Save" button at the bottom right of the page to successfully modify the page name.

Page Properties	Command Properties				îî De	elete	Save
Title: New Page	Label:		Port: 1				Y:
Image: background.jpg 🔻							
Remove Current Page	Pattern:		 Hex 📕 I	Enter 🛄			
ClientsTable Complete				IP:	192.168.0.15	54:F46	D3FADAC41

## **Background modification**

Click the "Background" drop-down box in the lower right corner, and then you can select the background, and click the background you want to change to modify it successfully.



## Delete page

Click the "Delete this page" button in the lower right corner to pop up a second confirmation pop-up, and finally click "Yes" to delete this page. (Tip: Deletion is not available if there is only one page.)



## Page switching

Click "Pages" in the upper left corner, a page overview will pop up on the left side. Then, click the page you want to switch to, to successfully switch. If you don't want to switch pages, click the "Page" button again to hide the page overview.

Pages	
Page1	
Page2	
New Page	

## Add group

Click the "Edit Menu" icon at the top right, and then click "New Group" to add a new group to the page. This function allows you to add multiple commands to a group, and then call the commands by operating the group.

💽 Central Control Syst	cm		■   #   T   #   E   !!	🕒 🛞 🔔 🖌
Pages		Page1		New Page
L ruges				New Group
				New Command
New Comman				Backgroud Image

## Modify group name

Select the group you want to modify, then edit the name at the button name section below the page, and click "Save" at the bottom right to successfully change the group's name.



## **Coordinate modification**

Click the group button and then modify the X and Y values at the bottom of the page to change the position of the group on the page. Hold down the left mouse button to move the mouse button, and you can also modify the coordinates of the button.



## **Button style modification**

Click on the group button, then click on the "Button Type" drop-down list, and finally select the type of button according to your needs.



#### **Command interval**

After adding multiple commands to the group, then enter the time between command executions, and then click on the group in central control mode, it will jump to the next command after the set time, until all the commands in the group are executed.



Tick the "Hold on" checkbox to pop up the time information of the long press, and enter the time according to your needs to jump the command after the long press.



## Attribute hiding

Click the "Hide" icon at the bottom right of the page to hide the page properties and command attributes, and click the icon again to re-display them.

Page Properties	Command Properties			🗊 Delete 🔒 Save
Title: Page1	Label: Group		Hide Pro	operty Page Icons
Image: background.jpg 🔻	Category: GroupBtn 🔻	X: <u>39</u> Y: <u>95</u>	Command Interval(S): 0	Hold on
TRemove Current Page	Pattern: button0 T			
Saved successfully!				IP: 192.168.0.154:F46D3FADAC

#### New command

Click "Edit Menu" at the top right of the page, and then click "New Command" to add a new command.

Dagas	\	Page1	/	New Page
루 Pages				New Group
				New Command
New Comman				Backgroud Image

After clicking the command button, the command properties page will pop up at the bottom of the page.



## **Command settings**

After clicking on the desired command, you can configure it in the command attribute section. There are three types of send options: WAKE, TCP, UDP. Click on the dropdown list of the send type to select the desired send type.



Then, enter the target IP and port number.

	60 Y: 17
Category: CmdBtn 👻 I/O Type: Parameters: Serial	

If you want to add this command to a group, select the "Add to Group" check box, and then select the group.

IP: <u>192.168.0.154</u>	_ Port:	10000	_ Group 🔽	
Parameters:			_	Group
	lex	Hold on	Enter	NewLine Ba

Select the type of command to be sent, click the command type drop-down list, you can select according to your needs, a total of 5 different command types are supported. (Note: If you want to control the broadcast control system, you need to select the other command type).

Label: <u>N</u>	lew Com	mar	Protocol:		IP: <u>192.168.0.154</u> Port: <u>10000</u> Group: <u></u>	▼ X: <u>160</u> Y: <u>17</u>
Category: C	mdBtn	•	I/O Type:	•	Parameters:	Serial Port:
			Data Field:	other	Hex Hold on Enter NewLine	
Pattern: b	utton0	<u> </u>	4	keyboard		
				exe	IP: 192.168.0	.154:F46D3FADAC41

Enter the command and command parameters, then click "Save" to set the command successfully. If there are no command parameters, do not add them. Generally, commands have no parameters. You can also set the format of the command sending, supporting 4 different formats such as Hex, Hold on, Enter, and New Line. To set, check the checkbox in front of the desired format.

Label:	New Con	nmar	Protocol:		•	IP: 192.168.0.1	54 Por	t: <u>10000</u>	Group: 🧹	•	X: <u>160</u> Y	
Category:			I/O Type:	window	•	Parameters:						
Pattern:	button0		Data Field:	PLAY 1 1;			Hex	Hold on	Enter	NewLine		

(Note: The string slogan and other information in the lower right corner of the page can only be set when the command type is window, and other command types cannot be operated.)

Label:	New Commar	Protocol:	UDP		IP: 192.168.0.154 Port: 10000 G	iroup: 🧹		X: 160	172
Category:		I/O Type:	COM	٠	Parameters: <u>200002021202 1</u>			Serial Port:	
Pattern:	button0	Data Field:	PLAY 1 1;	-	Hex Hold on	Enter	NewLine	Baud Rate:	9600

#### Delete command or group

Click the command button or group button, and then click the "Delete icon" at the bottom right of the page. A confirmation popup will appear, click "Yes" to delete the command or group.



#### **Button alignment**

Hold down the "Ctrl" key on the keyboard, then click on the buttons to be aligned, and finally click on the alignment icon at the top of the page as needed.



## Add background image

Click on the "Edit Menu" icon at the top right of the page, then click on "Background Image". A window for selecting images will pop up, where you can choose from images on your computer, then click "Open".



Afterwards, the software will pop up a window indicating that the image has been

successfully loaded. Click "OK", then a second confirmation interface will appear. Click "OK" to add the image successfully. (Tip: After adding an image, you need to restart the system to take effect. You can set the background in the bottom right corner of the page).



#### **Central control status**

By default, you can enter the central control status page after opening the software, or you can enter this page by clicking the "Settings Icon" >> "Current Mode" >> "Central Control Status" in the upper left corner of the page.



#### **Button control**

If you click the button on the central control screen, you can execute the command set by the send button, and if you click the group button, you can execute the command buttons in the group according to the interval set on the edit screen. Click "Pages" in the upper left corner to pop up the preview list, and you can switch between pages.



## 5. Scheduled Task

Click the "Settings icon" in the upper right corner of the page, and then click "Scheduled Task" to enter this page.



## **Command settings**

To set up a scheduled task, first add a command on the Edit Status page. Select a timed period (the period is divided into 3 formats, which are daily, weekly, and daily), and click the "Frequency" drop-down list to select it.

cheduled Tas	k			I
Create Scheo	luled Task:			
Frequency:	daily 🔻	Date:	Select a date 14 Time: Select a time 🕓 Command:	Create
fask List:	single			
Frequency	daily weekly	Time	Command	

After selecting the period, click on the calendar icon to choose the date. (Note: If the period is set to "single," you can set the date freely. If the period is set to "daily," you cannot set the date. If the period is set to "weekly," you can select the date from Monday to Sunday.)

Create Sched	uled Task	:									
Frequency:	single	• Date:	Sele	ct a	date	14	Tin	ne:	Selec	Command: Create	
Task List:			•		Mai	rch 2	2024				
Frequency	Date	Time	Mo	Tu	We	Th	Fr	Sa	Su		
			26	27	28	29	1	2	3		
			4	5	6	7	8	9	10		
			11	12	13	14	15	16	17		
			18	19	20	21	22	23	24		
			25	26	27	28	29	30	31		
			1	2	3	4	5	6	7		

After selecting the date, set the time, click the clock icon to pop up the setting page, and set the time according to your needs.



Finally, click the "Command" drop-down list to select the command, and click "Creat" to complete the addition of the scheduled command, and the command can be automatically sent when the set time is reached.

Frequency:	single	-	Date:	27/03/2024	14	Time:	3:00:00	0	Command:	3One	•	Create	

## Modify scheduled command

Double-click on the scheduled command to open the modification popup. Then, make the necessary modifications to the scheduled task. Finally, click on the "Save" icon at the bottom right corner to successfully save the changes.

Frequency:	single • Date	: 2024/3/27	Time:	22:00:0 🕓	Command:	6Two
	SAVE			CAN	ICEL	

## **Delete scheduled command**

Right-click on the command to be deleted, then click on "Remove Selection" to remove

the scheduled command.

Task List:							
Frequency	Date	Time	Comma	and			
	2024/3/27		Two	Le.	D	1	
-					Remove Selection		

## 6. Broadcast control settings

Click the "Settings icon" in the upper right corner of the page, and then click "Broadcast Control" to enter this page.



### Add scheduled task

Check the scheduled playback time, select the specific time to send network commands, and add the IP address, port, command, ad name and advertiser (optional) according to the specific requirements. Click "Add" to start the scheduled task if there is no error.

AD Name:			Sponsor:		Duration:	s Progra	am Name:	
Server IP:	192.168.0.2	2 Port:	16384 D	isplay Count:	Command:	JUMP 1;		
Schedul	ed Time: 2024	4/3/27 22:00:00	14	Create	Update Sea	rch		
ask vist:								
AD Name	Advertise	Duration(s) S	Scheduled Con	unt Completed	Program Name	Command	IP Port	Planned
N		/	and the second sec					
	. 1	/						
Must	be filled in whe	in adding		reate" to start the stere is no error	scheduled			
Must	be filled in whe	in adding			scheduled			
Must	be filled in whe	in adding			scheduled			

## Update scheduled task

Click the scheduled task to be modified, the corresponding data will be displayed in the text. Modify the information as needed, and finally click "Update" to complete the update.

Add Advertis	ement Info	rmation:									
AD Name:				Sponsor:			Duration:	s Prog	ram Name:		
Server IP:	192.1	58.0.2	Port:	16384	Display Cour	it:	Command:	PLAY;			
<ul> <li>Schedul</li> </ul>	led Time:	2024/3/27 2	2:00:00	14	Create	U	pdate	earch			
Task List:											
AD Name	Advertis	er Duratio	on(s)	Scheduled Co	ount Cor	pleted	Program Name	Command	IP	Port	Pla

## Add counting task

Fill in the advertisement name and advertiser (optional) according to specific requirements. The required fields include advertisement duration, matching program name, IP, port, playback times, and command. After editing, click "Creat" to complete the addition.

Iroadcast Cor	ntrol				oneself will be use ration in the future		s for calcula	ting		
Add Advertis	sement Information:			1						
AD Name:	MOVIE	Spo	nsor: edia Company	y Duration	56 s Pro	ogram Name:	3			
Server IP:	192.168.0.2	Port: 16384	Display Count:	6 Com	mand: JUMP 5;		/			
Schadu	led Time: Select a date		Create	Update	Search	_ /				
	Select a date	199	Create	Update	Search	1				
Task List: AD Name	Advertiser	Duration(s)	Scheduled Count	Completed	Program Name	Command	IP	Port	Planned Play Time	
AD Name	Advertiser	Duration(s)	Scheduled Count	Completed	Program Name	1				
MOVIE		1	-	1		PLAY; JUMP 4:	192.168.0.2		2024/3/27 22:00:00	
	Cultural Media Company	1	3	1	4		192.168.0.2			
MOVIE	Cultural Media Company	56	6	0	3	JUMP 5;	192.168.0.2	16384	2	
MOVIE	Cultural Media Company	1	6	0	3	JUMP 4; JUMP 5;	192.168.0.2			

## **Reset Selection Count**

This function can be used when you need to replay the content after changing it. Right-click the mouse and select "Reset Selection Count" to reset the count for this task.

AD Name:	MOVIE	Spo	nsor: Cultural Med	ie Duration:	56 s Pro	ogram Name:	3
Server IP:	192.168.0.2	Port: 16384	Display Count:	6 Comm	nand: JUMP 5;		
Schedu	led Time: Select a date		Create	Update	Search		
Task List:							
AD Name	Advertiser	Duration(s)	Scheduled Count	Completed	Program Name	Command	IP
						PLAY;	192.168.0.2
MOVIE	Cultural Media Company	60	3	0	4	JUMP 4;	192.168.0.2
Add Adverti AD Name:	sement Information: MOVIE	-	nsor: Cultural Med			ogram Name:	3
Add Adverti	sement Information:	Port: 16384	1	liz Duration 6 Comr		-	3
Add Adverti AD Name: Server IP:	sement Information: MOVIE	-	1			-	3
Add Adverti AD Name: Server IP: Schedu Fask List:	MOVIE 192.168.0.2 Ied Time: Select a date	Port: 16384	Display Count:	6 Comr Update	nand: JUMP 5; Search		
Add Adverti AD Name: Server IP:	MOVIE	-	Display Count:	6 Comr	nand: JUMP 5;	Command	IP
Add Adverti AD Name: Server IP: Schedu Task List: AD Name	MOVIE 192.168.0.2 Ied Time: Select a date Advertiser	Port: 16384	Display Count: Create Scheduled Count	6 Comr Update Completed	nand: JUMP 5; Search	Command PLAY;	IP 192.168.0.2
AD Name: Server IP: Schedu Task List:	MOVIE 192.168.0.2 Ied Time: Select a date	Port: 16384	Display Count:	6 Comr Update	nand: JUMP 5; Search	Command	IP

## **Refresh task list**

Right-click and click Refresh to refresh this task list.

AD Name:		MOVIE		Spor	isor:	Cultural Me	die	Duration	56	s Pro	ogram Name:	3
Server IP:	192.1	168.0.2	Port:	16384	D	isplay Count:	6	Comm	and:	JUMP 5;		
Schedu	led Time:	Select a date				Create	Up	date	Sea	ch		
Task List:												
AD Name	Adverti	ser	Dura	tion(s)	Sch	eduled Count	Con	npleted	Progra	m Name	Command	IP
							1:				PLAY;	192.168.0.
MOVIE	Cultural M	Media Company	60		3		0		4		JUMP 4;	192.168.0.
MOVIE	Cultural I	dedia Company	56		6		0.		3		JUMP 5;	192,168.0,
								Le.	Dom	ove Select	tion	
									Renk	_	lion	

## **Remove Selection**

Right-click the task you want to delete and click "Remove Selection" to complete the deletion.

AD Name:		MOVIE		Spor	isor:	Cultural Me	sit	Duration:	60	s Pro	gram Name:	4
Server IP:	192.1	68.0.2	Port:	16384	D	isplay Count:	3	Comm	and:	JUMP 4;		
Schedu	led Time:	Select a date				Create	U	pdate	Sear	ch		
ask List:												
AD Name	Adverti	ser	Dura	tion(s)	Sch	neduled Count	Co	mpleted	Progra	m Name	Command	IP
							-				PLAY;	192.168.0.2
								-	20	_	111110-0	192.168.0.2
IOVIE	Cultural N	Aedia Company	56		6		0			Selection		192.168.0.2
								2 R	efresh			
								🥒 R	eset Se	lection Co	ount	

## **Data Query**

Click the "Search" button to enter the data query page.

AD Name:	MOVIE	Spi	onsor: Cultural Med	dia Duration	: 60 s Pro	ogram Name:	4			
Server IP:	192.168.0.2	Port: 16384	Display Count:	3 Comr	mand: JUMP 4;					
Schedule	ed Time: Select a date		Create	Update	Search					
ask List:										
AD Name	Advertiser	Duration(s)	Scheduled Count	Completed	Program Name	Command	IP	Port	Planned Play Time	
	I					PLAY;	192.168.0.2	16384	2024/3/27 22:00:00	
IOVIE 0	Cultural Media Company	56	6	0	3	JUMP 5;	192.168.0.2	16384		

This page displays specific information about each completed playback.

	选择筛选条	⊱件:		•					
	洗择时间刷		tadate 🚮	Select a dat	e 14	查询	9 号出		
	AG#11 = 11-545	C. Denes		Derect of our	- <u>14</u>	-			
数据	详情 数振	汇总							
ID	广告主	广告名称	广告时长(单位:秒)	计划播放时间	IP	匹配节目名	第几次完成播放	播放完成时间	
1				2023-07-10 16:33:00	192.168.0.39				
2	科技公司	宣传片	7		192.168.0.39	2	1	2023-07-10 16:33:05	
3	科技公司	宣传片	7		192.168.0.39	2	2	2023-07-10 16:33:09	
4	科技公司	宣传片	7		192.168.0.39	2	3	2023-07-10 16:33:15	
5	科技公司	宣传片	7		192.168.0.39	2	4	2023-07-10 16:33:20	
6	科技公司	宣传片	7		192.168.0.39	2	5	2023-07-10 16:33:25	
7	科技公司	宣传片	7		192.168.0.39	2	6	2023-07-10 16:33:30	_
~	茶叶公司	纪录片	15		192.168.0.39	3	1	2023-07-10 16:33:36	
8									

#### View aggregated data

Click on "Data Summary" to display the completed task data.

	去择筛选条件:		•				导出			
ŝ	选择时间段:	Select a c	iate 🚹 -	Select a	a date 14	查询	导出			
数据i ID	羊情 数据汇点 广告主	广告名称	广告时长(单位:秒)	已播放次数	已播放时长(单位:秒)	攝放完成日	銄	IP	匹配节目名	
7	科技公司	宣传片	7	6	42	2023-07-10	0 16:33:30	192.168.0.39	2	-
11	茶叶公司	纪录片	15	4	60	2023-07-10	0 16:33:55	192.168.0.39	3	
14	文化传播公司	电影	60	3	180	2023-07-10	0 16:34:11	192.168.0.39	4	_

#### Query

Data can be filtered based on criteria such as advertiser name, ad name, ad duration (unit: seconds), time period, etc. When you select Advertiser and Ad Name, enter the first few characters to query the corresponding data, for example:

-11-	83								
1	选择筛选条件:	广告主		科技		-			
	选择时间段:	Select a c	iate 🔃	Select a date	34	查询	母出		
救援	详情 数据汇卷								
ID	广告主	广告名称	广告时长(单位:秒)	计划器放时间	IP	医配节日名	第几次完成播放	播放完成时间	
t .	科技公司	宣传片	7		192.168.0.39	2	3	2023-07-10 16:33:15	
5	科技公司	宣传片	7		192.168.0.39	2	4	2023-07-10 16:33:20	
5	科技公司	宣传片	7	8	192.168.0.39	2	5	2023-07-10 16:33:25	
1	科技公司	宣传片	7	9	192.168.0.39	2	6	2023-07-10 16:33:30	
3	兼叶公司	纪录片	15	10	192.168.0.39	3	1	2023-07-10 16:33:36	
9	茶叶公司	纪录片	15	0	192.168.0.39	3	2	2023-07-10 16:33:42	
10	茶叶公司	纪录片	15		192.168.0.39	3	3	2023-07-10 16:33:49	
1	茶叶公司	纪录片	15	8	192.168.0.39	3	4	2023-07-10 16:33:55	

There are three advertiser information, enter "Technology" and click on "Query":

• 3	告择等选条件	广告主	•	科技					
3	8择时间段:	Select a d	iate 🔂 –	Select a date	11	查询	导出		
数据 ID	洋精 数据汇载	1 广告名称	广告时长(单位;秒)	计划螺纹时间	IP	<b>西配节日名</b>	第几次完成播放	機依完成时间	1
	科技公司	宣传片	7		192.168.0.39		1	2023-07-10 16:33:05	_
12	科技公司	宣传片	7	· · · · · · · · · · · · · · · · · · ·	192.168.0.39	2	2	2023-07-10 16:33:09	
	科技公司	宣传片	7		192.168.0.39	2	3	2023-07-10 16:33:15	
	科技公司	宣传片	7		192.168.0.39	2	4	2023-07-10 16:33:20	
	科技公司	宣传片	7		192.168.0.39	2	5	2023-07-10 16:33:25	
	科技公司	宣传片	7		192.168.0.39	2	6	2023-07-10 16:33:30	

#### Export

Click the "Export" button to export the current data list to an Excel spreadsheet, and

calculate the total playback duration (unit: seconds).

i i i i i	18							
1	医探筛选条件:							
1	告释时间段:	Select a c	iate 🔃 -	Select a date	14	查询	导出	
数据	计情 数据汇单	8						
ID	广告主	广告名称	广告时长(单位:秒)	itteline and the	IP	58988	第几次完成摄放	播放完成时间
1				2023-07-10 16:33:00	192.168.0.39			
2	科技公司	宣传片	7		192.168.0.39	2	1	2023-07-10 16:33:05
3	科技公司	宣传社	7		192.168.0.39	2	2	2023-07-10 16:33:09
4	科技公司	宣传片	7	1	192.168.0.39	2	3	2023-07-10 16:33:15
5	科技公司	宣传社	7		192.168.0.39	2	4	2023-07-10 16:33:20
6	科技公司	宣传片	7		192.168.0.39	2	5	2023-07-10 16:33:25
7	科技公司	宣传片	7		192.168.0.39	2	6	2023-07-10 16:33:30
8	茶叶公司	纪装片	15	1	192.168.0.39	3	1	2023-07-10 16:33:36
9	茶叶公司	纪录片	15		192.168.0.39	3	2	2023-07-10 16:33:42
10	茶叶公司	纪装片	15	1	192.168.0.39	3	3	2023-07-10 16:33:49
11	茶叶公司	纪禄州	15		192.168.0.39	3	4	2023-07-10 16:33:55
12	文化传播公司	电影	60		192.168.0.39	4	1	2023-07-10 16:34:00
13	文化传播公司	电影	60		192.168.0.39	4	2	2023-07-10 16:34:06
14	文化传播公司	电影	60		192.168.0.39	4	3	2023-07-10 16:34:11

## 7. FTP file Transfer

Open the central control software, click the settings icon button in the upper right corner, and select "FTP File Transfer" to enter this page.



The page is as follows:

FTP File Transfer  Add server					1000	×
Q	Local Disk: C:\			Target Server		
Server List	} <b>₩2</b> C\ } <b>₩2</b> D\			-		
	Source Server: Filename Size Type Date mo	Select Server	Disconnect			

#### Server list operations

Note: The server list is where all servers are displayed. Here, you can visually see the server groups and all servers included in each group. At the same time, there are some operations available for handling groups and servers, such as adding, deleting, modifying, and querying. The details are as follows:

There are two ways to add server groups. The first is to click the "Add Server" button when there are no servers in the server list, which will automatically create a new group. The second is to right-click in the server list and select "Add Group". Similarly, there are two ways to add servers. The first is to click the "Add Server" button to add servers, and the second is to right-click in the server list and select "Add Server".

#### **Adding servers**

Click the "Add Server" button to add both a group and servers (when there are no servers in the server list). At this time, it will prompt that the server belongs to a "New Group". If groups already exist, you can select the group for the servers as needed.

	Q Local Disk: CA	Target Server
rver List	1 (CA)	
	Add server	×
	Belong to Group New Group	•
	FTP site	
	Name	
	Host IP Port	
	Specify subdirectories	
	Sour Login	
	Filet Anonymous Jogin	
	User Password	
	Save Back	

After adding servers, if there is no group in the server list, a group is created by default.

1	🔅 FTP File Transfer	
	Add server	
		Q
	Server List	
	New Group Server 1	

Right-click in the server list and click "Add Server" to pop up the Add page.

Server List	Þ 📢	😫 Add server	×
<ul> <li>New Group</li> <li>Server 1</li> </ul>	0	Belong to Group 1	-
Group 1		FTP site	
C Refresh		Name	
Check&Upd	late		
💷 Show IP		Host IP Port	
		Specify subdirectories	
📲 Add Group	/		
Delete Grou	ip 🖉	Login	
Add server		Anonymous login	
Delete serve	er		
		User Password	
🖉 Rename		Save Back	
😢 Cancel		Save Dack	

## Add group

Right-click the pop-up menu in the server list and select Add Group, enter the group name to create a new group.



## **Delete group**

After selecting the group you want to delete, select "Delete Group" from the right-click menu, and a second confirmation window will appear, click "OK" to confirm the deletion.



#### **Delete server**

After selecting the server(s) you want to delete, right-click to bring up the menu, then choose "Delete Server". A confirmation prompt will appear asking if you are sure you want to delete (the prompt may differ for single and multiple selections). This demonstration shows the deletion of a single server.

Server List							
<ul> <li>New Group</li> <li>Server</li> <li>Server</li> </ul>	1 2 Refresh	-					
	Check&Update Show IP						
		Tips					×
-: 	Delete Group Add server	?	Are you sure	you want to	delete ti	nis server?	
	Delete server Rename			ОК		Cancel	1
8	Cancel					curicer	

## **Check & Update**

After selecting the servers, right-click to bring up the menu, then choose "Check & Update" to enter the information window. Here, you can make changes to the FTP server information, but you cannot modify the group it belongs to. After making changes, click "Save" to update. Alternatively, click "Return" to cancel any modifications.



## **IP Display & Hide**

Right-click in the server list area, then click "Show IP" to display the server IP, click again to hide it.

	Q Local Disl
Server List	▷ <b>()</b> C:\
New Group	To be the second s
	Refresh
oka Group 1	Check&Update
12	Show IP
	Add Group
-	Delete Group
	Add server
	Delete server
Ø	Rename
0	Cancel

#### **Rename groups and servers**

Select the group or server, right-click to bring up the menu, then choose "Rename". Enter the new name to modify it; if no input is provided, no changes will be made.



## **Expand disk**

Click the disk expand icon to expand the disk.

• • • • • • • • • • • • • • • • • • •		
DrvPath		
FFOutput		
👂 🚞 Program Fil	es	
👂 📒 Program Fil	es (x86)	
Users		
Windows		
D:\		

#### Rescan

After right-clicking in the local disk window to bring up the menu, select "Rescan" to refresh the disk and return it to its original state. This function is mainly used to recognize external USB drives or disks when inserted.

4 🚅 C:\		
Þ 📒 Drvi	Path	
<ul> <li>FFO</li> <li>Prog</li> <li>Prog</li> </ul>	Rescan	
	rs Upload to target	
▷ 📲 D:\	Create folder	
	💼 Delete	
	💼 Permanent Delete	
	🖉 Rename	
	3 Cancel	

#### **Upload to source**

After selecting a local file, right-click to bring up the option to upload to the source server. Clicking "Upload to Source" will upload the locally selected file to the source server. During this process, there will be no transfer prompts.



If the source server is not open when uploading to it, a prompt indicating that the source server is not open will appear.

Þ <mark>≡</mark> Pi Þ <mark>≡</mark> p					UK	
Þ 📒 Pi						
	0				ок	
Þ 📒 o	fi					
Þ 📒 N	vi 🚢	The sou	ince server in	as not been ope	ieu yet.	
Þ 📃 N	yl 👔	The sou	irce server h	as not been ope	ned vet	
🖻 📒 jx	2					
Þ 🧮 H	el Tips				$\times$	
Þ 🧮 B	aiduNetdisk	Downloa	d			
6	20240229	_113708.	mp4			_
E	20240229	113708	mp4			

## Upload to target

After selecting the file to upload, right-click to bring up the menu, then select "Upload to Target" to transfer the file to the selected target server (dragging and dropping cannot achieve this effect). (Tip: Before uploading, the checkbox for the target server must be checked.)



## **Create folder**

After selecting a folder or file, right-click to bring up the menu, then choose "Create Folder". After entering the folder name, click "OK" to create the folder. If a folder is selected, the new folder will be created within that folder. If a file is selected, the new folder will be created within the folder where the file is located.



## **Delete folder**

To delete a file or folder, select the file or folder, right-click to bring up the menu, then choose either the "Delete" or "Permanently Delete" option. "Delete" moves the file to the Recycle Bin, while "Permanently Delete" performs a permanent deletion similar to using Shift + Delete.

Local Disk: D:\ApowerRECData		
CA     CA     CA     DA     DA     DA     DBaiduNe     BaiduNe     DHEU_KM     OUpload to source	TIPS	×
jx     Upload to target     MyDrive     MyDrive     MyDrive     Office20     Program     Program     Program     Program     Program     Program	Are you sure you want to delete selecteditems?	
P py     P python1 Source Server:     Cancel	OK Cancel	

## Rename file or folder

After selecting a file or folder, right-click to bring up the menu, then choose "Rename". Enter the new name to modify the file or folder name.

FFOutput			
Progra	Rescan		
👂 🚞 Progra 🤇	Upload to source		
<ul> <li>Users</li> <li>Windo</li> </ul>	Upload to target		
🖹 1.txt 🥛	Create folder		
▷ 🚅 D:\	Delete	ОК	Back
ť	Permanent Delete		
Z	Rename		
C	3 Cancel		

#### Source server operations

The source server is the currently open server. From this server, you can select files for transfer. It also supports downloading files from the source server to the local machine. The source server is a crucial component, enabling many-to-many transfers (multiple files to multiple servers) by selecting files for transfer from the opened server. Additionally, multiple selections of local files can also achieve many-to-many transfers. The detailed implementation is as follows:

There are two ways to connect to the source server. The first method is to click the "Select Source Server" button located in the upper right corner of the source server interface. Upon clicking the button, a selection window will pop up. Double-click to select or connect to the server, and list the files in the source server window. The second method is to directly drag the server that needs to be connected from the server list to the source server window. The connection will be established once it is dropped.

#### Connect to the source server

1. Select the source server connection, and click "Select Server" in the pop-up window to make the selection.



2. Drag the server connection, select the server you want to connect to in the server list on the left, drag it into the source server window, and drop it to connect directly.

Se

r List	4 10 C\						4			
New Group	E Downic	I Download								
Server 1	1 📻 FFOutp	🗉 🧮 FFOutput								
Servel 2	E Fylog	E 🧰 Fylog								
Drag		🗈 🚞 inetpub								
		A NVIDIA								
		GLCache								
		podlp_backup								
		Program Files (x86)								
			(x86)							
	Program		(x86)				¥			
		oding	(x86)		Select Server	Disconnect	•			
	E TransCo	oding	(x86) Type	Date more		Disconnect	•			
	b 🧰 TransCi Source Server: 🛝	oding				Disconnect				
	E 📻 TransCi Source Server: \ Filename	oding	Туре	2024/03/	dified	Disconnect				
	E TransCo Source Server: \ Filename 1	Size	Type Folder	2024/03/ 2024/03/	<b>Street</b> 28 13:59:00	Disconnect	•			
	F TransCo Source Server: \ Filename 1 New folder1	Size	Type Folder Folder	2024/03/ 2024/03/ 2024/03/	<b>Sified</b> 28 13:59:00 28 13:59:00	Disconnect				
	F TransCo Source Server: \ Filename     1     New folder1     New folder2	Size	<b>Type</b> Folder Folder Folder	2024/03/ 2024/03/ 2024/03/ 2023/12/	<b>Stried</b> 28 13:59:00 28 13:59:00 28 13:59:00 28 13:59:00	Disconnect				
	E TransCi Source Server: \ Filename 1 New folder1 New folder2 ruizhong	Size	Type Folder Folder Folder Folder	2024/03/ 2024/03/ 2024/03/ 2023/12/ 2023/12/ 2024/02/	dified 28 13:59:00 28 13:59:00 28 13:59:00 28 13:59:00 08 00:00:00	Disconnect				
	TransCu Source Server: \     TransCu     Source Server: \     Tenne     1     New folder1     New folder2     ruizhong     test	Size	Type Folder Folder Folder Folder Folder	2024/03/ 2024/03/ 2024/03/ 2023/12/ 2023/12/ 2024/02/ 2024/01/	Sified 28 13:59:00 28 13:59:00 28 13:59:00 28 13:59:00 28 00:00:00 20 00:00:00	Disconnect				

#### Refresh

In the source server window, right-click to bring up the menu, then select the "Refresh" option to reconnect to the server.



#### Download files to local

Select the file or folder from the source server, then right-click to bring up the menu and choose "Download to Local" to download it to the specified directory. It also supports dragging files to the local area to achieve downloading function (the download location is the currently opened directory).

·				
▲ 🚅 C:\				
Download				
FFOutput				
Fylog				
inetpub NVIDIA				
4 GLCach				
	e420a691b0	Sacc17d8	5c931456ea	
E .LOG		Jaccin do.	5655145064	
PerfLogs				
podlp back	aup			
Program Fi				
Source Server: \			Select Server	Disconnect
Filename Siz	ze Type	Date mo	dified	
Filename SL	ze Type			
= 1	Folder	2024/02	/29 12:50:00	
1	Folder		/28 13:59:00	
New folder1	Folder	2024/03	/28 13:59:00	
New folder1	Folder Folder	2024/03,	/28 13:59:00 /28 13:59:00	
<ul> <li>New folder1</li> <li>New folder2</li> <li>ruizhong</li> </ul>	Folder Folder Folder	2024/03, 2024/03, 2023/12,	/28 13:59:00 /28 13:59:00 /08 00:00:00	
New folder1 New folder2 ruizhong test	Folder Folder Folder Folder	2024/03, 2024/03, 2023/12, 2023/12, 2024/02,	/28 13:59:00 /28 13:59:00 /08 00:00:00 /20 00:00:00	
New folder1 New folder2 ruizhong test videos	Folder Folder Folder Folder Folder	2024/03, 2024/03, 2023/12, 2023/12, 2024/02, 2024/02,	/28 13:59:00 /28 13:59:00 /08 00:00:00 /20 00:00:00 /29 00:00:00	
New folder1 New folder2 ruizhong test videos	Folder Folder Folder Folder Folder	2024/03, 2024/03, 2023/12, 2023/12, 2024/02, 2024/02, 2024/02	/28 13:59:00 /28 13:59:00 /08 00:00:00 /20 00:00:00 /29 00:00:00 /2 15:40-00	
New folder1 New folder2 ruizhong test videos	Folder Folder Folder Folder Folder	2024/03, 2024/03, 2023/12, 2023/12, 2024/02, 2024/02, 2024/02 Refre	/28 13:59:00 /28 13:59:00 /08 00:00:00 /20 00:00:00 /29 00:00:00 /27 16-40-00	
New folder1 New folder2 ruizhong test videos	Folder Folder Folder Folder Folder	2024/03, 2024/03, 2023/12, 2023/12, 2024/02, 2024/02, 2024/02 Refre	/28 13:59:00 /28 13:59:00 /08 00:00:00 /20 00:00:00 /29 00:00:00 /2 15:40-00	
New folder1 New folder2 ruizhong test videos	Folder Folder Folder Folder Folder	2024/03, 2024/03, 2023/12, 2024/02, 2024/02, 2024/02 2024/02 Refree 3 Dow	/28 13:59:00 /28 13:59:00 /08 00:00:00 /20 00:00:00 /29 00:00:00 /27 16-40-00	
New folder1 New folder2 ruizhong test videos	Folder Folder Folder Folder Folder	2024/03, 2024/03, 2023/12, 2024/02, 2024/02, 2024/04 C Refra	728 13:59:00 728 13:59:00 708 00:00:00 720 00:00:00 72 00:00:00 72 10:40:00 85 nload to local te Dir	
New folder1 New folder2 ruizhong test videos	Folder Folder Folder Folder Folder	2024/03, 2024/03, 2023/12, 2024/02, 2024/02, 2024/02, 2024/02, 2024/02, 2024/02, 2024/02, 2024/02, 2024/02, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2023/12, 2024/03, 2023/12, 2024/03, 2023/12, 2024/02, 200	728 13:59:00 728 13:59:00 708 00:00:00 720 00:00:00 720 00:00:00 72 10:40:00 rest r	
New folder1 New folder2 ruizhong test videos	Folder Folder Folder Folder Folder	2024/03, 2024/03, 2023/12, 2024/02, 2024/02, 2024/02 Carea Crea Crea	728 13:59:00 728 13:59:00 708 00:00:00 720 00:00:00 720 00:00:00 72 10:40:00 rest r	
New folder1 New folder2 ruizhong test videos	Folder Folder Folder Folder Folder	2024/03, 2024/03, 2023/12, 2024/02, 2024/02, 2024/02, 2024/02, 2024/02, 2024/02, 2024/02, 2024/02, 2024/02, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2024/03, 2023/12, 2024/03, 2023/12, 2024/03, 2023/12, 2024/02, 200	728 13:59:00 728 13:59:00 708 00:00:00 720 00:00:00 720 00:00:00 72 10:40:00 rest r	
New folder1 New folder2 ruizhong test videos	Folder Folder Folder Folder Folder	2024/03, 2024/03, 2023/12, 2024/02, 2024/02, 2024/04 <b>2024/04</b> <b>2024/04</b> <b>2024/04</b> <b>2024/04</b> <b>2024/04</b> <b>2024/05</b> <b>Crea</b> <b>Crea</b> <b>Crea</b> <b>Dele</b> <b>Crea</b>	728 13:59:00 728 13:59:00 708 00:00:00 720 00:00:00 720 00:00:00 72 10:40:00 rest r	

## **Create folders**

To create a folder, select "Create Dir" in the current directory, then input the folder name.

Source Server: \				Select Serve	r Disconnect			
ilename	Size	Туре	Date mod	lified				
1		Folder	2024/03/	28 13:59:00				
New folder1		Folder	2024/03/	28 13:59:00				
New folder2		Folder	2024/03/	28 13:59:00				
ruizhong		Folder	2023/12/	00:00:00 80				
test		Folder	2024/02/	20 00:00:00				
🧮 videos		Folder	2024/01/	29 00:00:00				
LOG .	0KB	LOGFile	2024/03/	27 15:49 27 14:35	D ( )			
ECHO.LOG	0KB	LOGFile	202-1,103/	27 14:35	Download to local			
					Create Dir			
					Create Dir and ente	er		
				m	Delete			
				Ø	Rename	asc		
				හ	Disconnect		ок	Back
				0	Cancel		UK	Dack

#### **Create folder and enter**

After creating a folder in the current directory, it will automatically enter the internal

directory.

	Page 14	-	-					
Filename	Size	Туре	Date mod					
1		Folder		8 13:59:00				
New folder1		Folder	2024/03/2	8 13:59:00				
New folder2		Folder	2024/03/2	8 13:59:00				
ruizhong		Folder	2023/12/0	00:00:00				
i test		Folder	2024/02/2	00:00:00				
📒 videos		Folder	2024/01/2	9 00:00:00				
LOG	OKB	LOGFile	2024/03/2	15:49				
ECHO.LOG	OKB	LOGFile	2024/03/2	1 14.33	Denload to loca	1		
				1	Create Dir and en	ter		
				前	Delete			
				Ø	Rename	asc		-
				so So	Disconnect		ок	Back
				0	Cancel		U.N.	Duck

#### **Delete files or folders**

After selecting one or multiple files, right-click to bring up the menu and choose "Delete" to remove the selected items. When deleting a folder, ensure that there are no files or subfolders inside it. A confirmation prompt will appear after clicking "Delete" to confirm deletion.



## **Rename files or folders**

After selecting the file or folder whose name you want to change, right-click to bring up the menu and choose "Rename." Finally, input the new name.



## Disconnect

In the interface of the source server, right-click to bring up the menu and select "Disconnect" to disconnect the currently connected server and clear the files in the interface.

Source Server: \				Select	Serve	r	Disconnect
Filename	Size	Туре	Date modifie	ed			
1		Folder	2024/03/28	13:59:00	G	Refr	resh
📒 New folder1		Folder	2024/03/28	13:59:00	•	Dov	vnload to local
New folder2		Folder	2024/03/28	13:59:00	<u> </u>		
ruizhong		Folder	2023/12/08	00:00:00		Crea	ate Dir
test		Folder	2024/02/20	00:00:00		Cro	ate Dir and ente
🔲 videos		Folder	2024/01/29	00:00:00	_		
LOG .	<b>OKB</b>	LOGFile	2024/03/27	15:49:00	Π	Dele	ete
20240229_1	592	mp4File	2024/03/29	08:45:00	Ø	Ren	ame
ECHO.LOG	0KB	LOGFile	2024/03/27	14:35:00			
					େ	Disc	connect
					8	Can	cel

#### **Target terminal operations**

The target terminal refers to the destination where the local files and source server files are to be transferred. One or more target terminals can be selected. After selecting files from the source server, clicking the upload button will pop up the upload interface, enabling multiple file transfers to multiple servers.

	Q Local Disk: D:\Apo	verRECData		Target Server
Server List	▶ 200 CA			🔺 🛛 📲 New Group
📲 New Group	4 🥵 DA			Server 1
Server 1	ApowerRE		Server 2	
Server 2		liskDownload		
	HEU_KMS I ix	Activator_v3	1.3.0	
	P x MyDrivers			
	NVIDIA			
	office2019	6410		
	🕴 🧮 Program F			
	Þ 🚞 py			
	🕴 📒 python1			<b>b</b>
	Source Server: \		Select Server	Disconnect
	Filename Si	ze Type	Date modified	
	1	Folder	2024/03/28 13:59:00	
	New folder1	Folder	2024/03/28 13:59:00	
	New folder2	Folder	2024/03/28 13:59:00	
	ruizhong	Folder	2023/12/08 00:00:00	
	iest i	Folder	2024/02/20 00:00:00	
		Folder	2024/01/29 00:00:00	
	🚞 videos			
	🖹 LOG 0	KB LOGFile	2024/03/27 15:49:00	

Simply clicking on the target terminal allows for successful selection. To select all terminals, clicking on the group will select all terminals under that group. Once a terminal has been designated as a source server, it cannot be selected.

	Target Server
Î	New Group     Server 1     Server 2
Tips	×
1 This server is the	source server and cannot be used as a target!
	ОК

Check or click Group to select all terminals, but exclude open terminals, if you click again, it will pop up.



#### **Transfer to target terminals**

Transferring is a key feature of the FTP file distribution function, enabling multi-to-multi transfers between local and target terminals, as well as multi-to-multi transfers between source server files and target files. It can meet the demand for sending one or more files simultaneously to remote servers, and based on the advantages of the FTP transmission protocol, it can fulfill the need for large file transfers. To transfer local files to target terminals, expand the folder in the local window, select the files to be uploaded, right-click to bring up the menu, and select "Upload to Target" to open the transfer interface. It is important to ensure that there is at least one target terminal selected beforehand, otherwise a prompt will appear.



Click "Upload to Destination" to pop up the upload page, and click "Start Transfer" to transfer.

Schedule		0%
Schedule		0%

## File Transfer: Skip Same Name

When a target terminal has a file with the same name and size as the one being transferred, it will be automatically skipped. However, users have the option to select the duplicate file and then right-click to choose "Cover" for transmission.

01.File "20240229113708.r	mp4" There is a duplic	ate file on the server "	Server 1" ,skippec
•			
			1000
Schedule			100%

File transfer overwrites transfer after duplicate name.

😻 Files Transmission			×
)1.File "20240229113708.mp	Cover	on the server	"Server 1" ,skipped
•			Þ
Schedule			100%
	Start	Reupload	Back

## **Retry on failure**

Upon encountering a failed file upload, you will receive a notification with the failure details. If any files fail to upload, clicking "Reupload" will attempt to transmit the failed files again, including resuming from where they left off. As file transfer failures are not easily reproducible, the effect will not be demonstrated. Simply click "Reupload" when encountered.



## 8. Other settings

#### **Stop service**

Click on the "Settings" icon in the upper right corner of the page and then click on "Stop Service" to finish. After stopping the service, the phablet and other devices cannot be operated, and if you want to operate, you need to turn on the service.



## Autostart

Click the "Settings" icon in the upper right corner of the page, then tick the "Boot up" box. This will automatically start the software when the computer boots up.



## Language selection

The central control system supports Chinese and English language formats, click the "Settings" icon in the upper right corner of the page, then click the language to complete the switch.



Help

Click the "Settings" icon in the upper right corner of the page, and then click "Help" to pop up the help page.

