



LedOK Express

Instructions

Version: V1.0

Statement

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SHENZHEN SYSOLUTION TECHNOLOGY CO., LTD.

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Connection of Controller

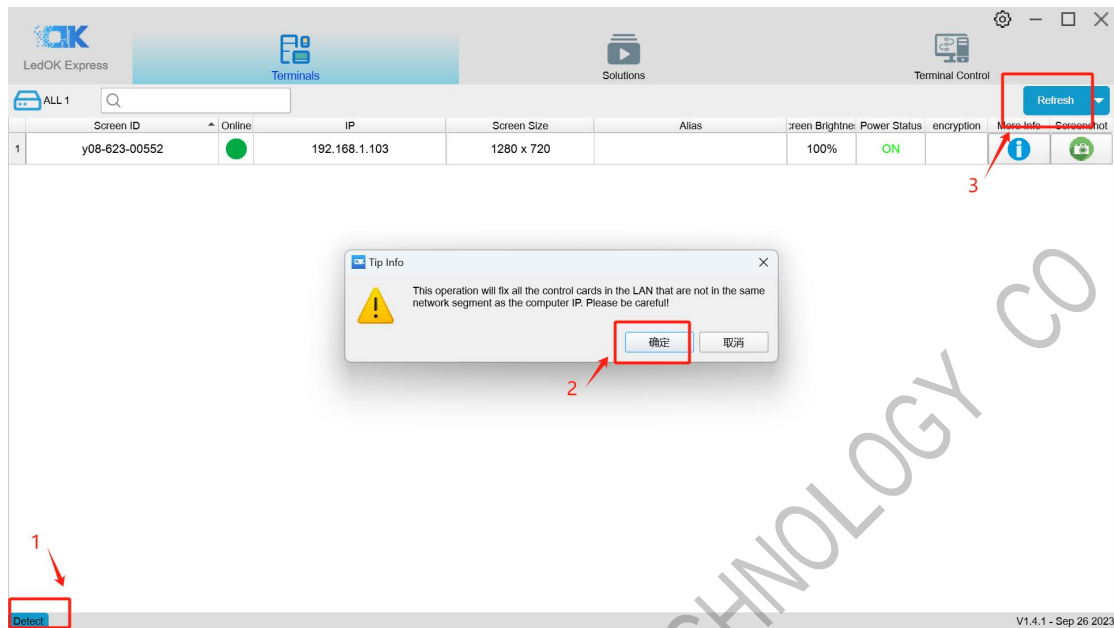
There are two ways to connect the device to the computer. The first way is to connect to a hotspot emanating from the controller itself, and the other is to connect directly via a network cable.

1. Connect the controller hotspot: controller hotspot name is the control card number, hotspot password default: 12345678. For example: the card number of the controller is: y08-623-00552, then open the computer WIFI column can be searched for a y08-623-00552 WIFI, click to connect and enter the password: 12345678. Then you can connect to the controller.



2. Use a network cable to connect directly: Using a network cable, plug one end of the cable into the computer's network port and one end into the network port labeled Computer on the controller. Turn off the firewall and antivirus software of the computer first. Then open the LedOK software, click on the 'Terminal' in the lower left corner of the 'detect',

and then click to confirm, and then click on the upper right corner of the refresh, you can find the controller, as shown in the figure.



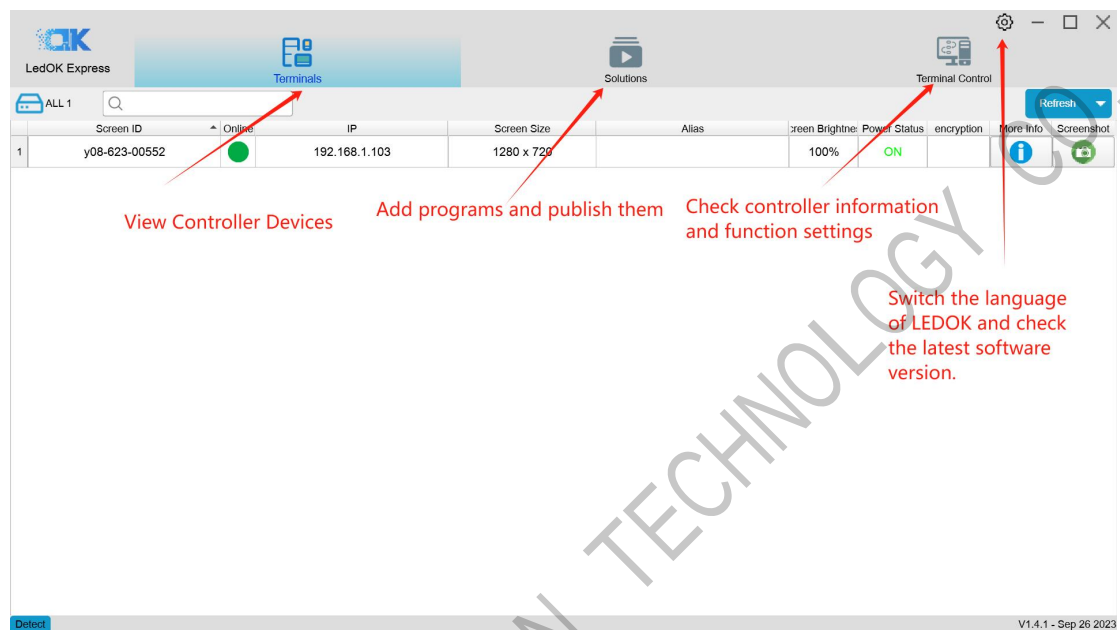
Note:

After the network cable is directly connected to the computer and controller, click 'detect' did not find the controller, please check whether the following conditions are realized:

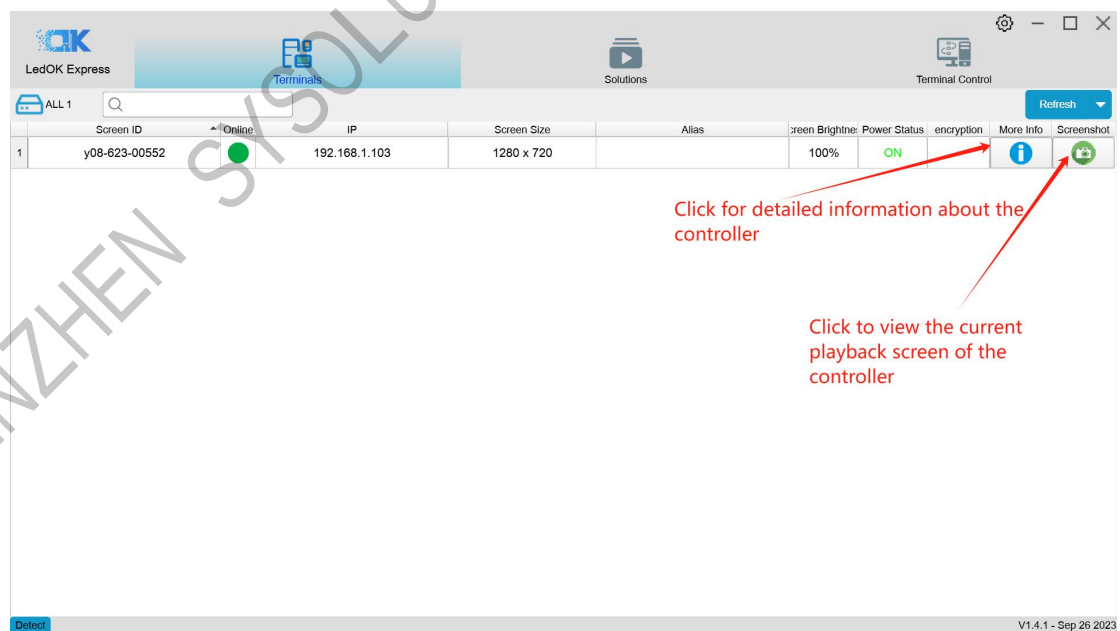
- (1) Check whether the computer has an unknown Ethernet access, if not, please check whether the controller and network cable connection is incorrect, can be judged by whether the controller network port light is normal flashing
- (2) Whether the firewall of the computer is closed and whether the antivirus software is stopped.
- (3) The IP address of the computer must be set to the automatic acquisition status.

LEDOK Main Function Introduction

1. After connecting the hardware device, open the LedOK Express software and you can see the three main functions above the interface.



2. View the basic information of the controller in 'Terminals' interface, as shown in the figure.



3. The solution management interface allows you to add and manage programs.

LedOK Express		Terminals	Solutions		Terminal Control	
New		Edit	Delete	Import	Export	Play/Stop
	Name	Resolution	File Size	Last Modified	USB Update	Publish
1	11	128 x 128	164 KB	2023-12-29 12:53:42		
2	20230815104436814	64 x 64	377 KB	2024-01-09 12:55:13		
3	20230815140251916	64 x 64	125 MB	2023-08-15 14:05:53		
4	20230831093923012	64 x 64	203 B	2023-08-31 09:45:49		
5	20231025150713036	512 x 256	385 B	2023-10-25 15:07:46		
6	20231213140338124	512 x 256	205 B	2023-12-13 14:07:04		
7	20231213151033331	512 x 256	205 B	2023-12-13 15:13:14		
8	20231213151317521	512 x 256	205 B	2023-12-13 15:14:20		
9	20231213151422795	512 x 256	205 B	2023-12-13 15:14:50		
10	20231213154332743	512 x 256	205 B	2023-12-13 15:45:33		
11	20231213154536289	512 x 256	691 B	2023-12-13 15:45:56		
12	20231213154940657	64 x 64	685 B	2023-12-13 15:50:02		
13	20231213171452596	64 x 64	747 B	2023-12-13 17:15:27		
14	20231227142447610	512 x 256	205 B	2023-12-27 14:27:08		
15	20231227165114370	512 x 256	205 B	2023-12-27 16:52:09		

4. The terminal control interface allows you to set the following functions of the controller.

LedOK Express		Terminals	Solutions	Terminal Control	
ALL 1		Current screen: none			
1	Screen ID	Online	IP		
1	y08-623-00552		192.168.1.103		

Brightness Config

☒ Auto
 ☐ Manual
 ☐ Schedule
 ☐ Adapt to Old Devices

If the maximum brightness is 64, the minimum brightness can be configured as 1% or appropriate value; if the maximum brightness is 255, the minimum brightness must be configured as 36% or above, otherwise the brightness will be low.

Sensitivity 1%

Minimum Brightness 1%

When uploading the file, please confirm to select the correct sensor type, otherwise it will be invalid!

☐ R68/RL3
 ☐ RL2

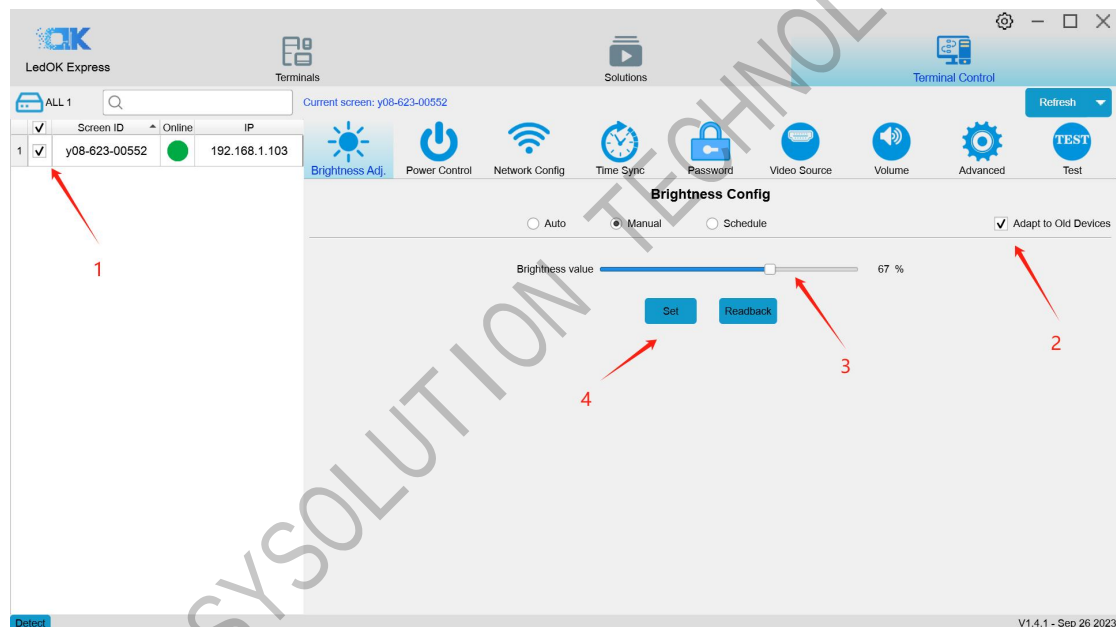
Our Brightness:

Terminal Control Introduction

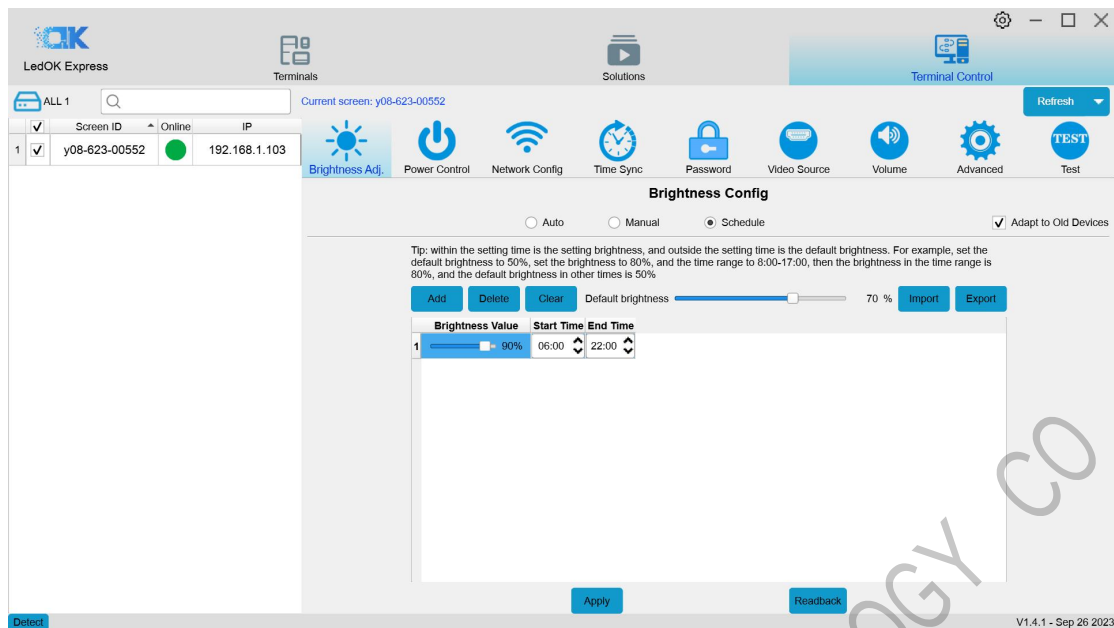
Brightness Adjust

There are three ways to set the brightness of controller:

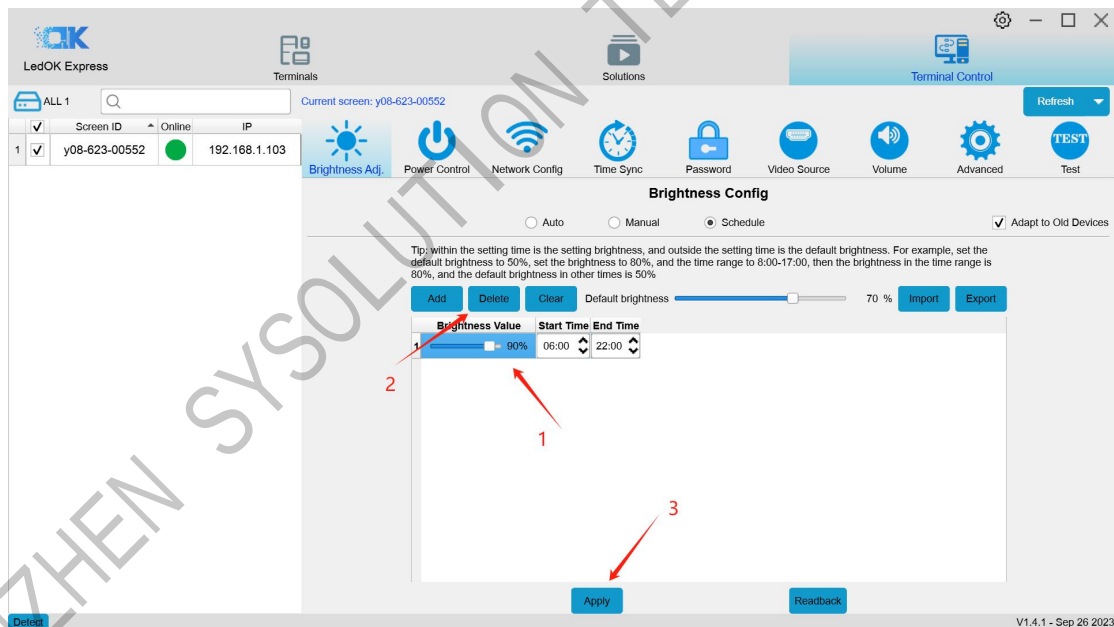
1. Manual: the range is from 0 to 100%. Check the controller you want to set the brightness on the left side, then check the right side of the adapted old devices, drag the progress bar to set the brightness rate you want, and then click "Set", click the 'Readback' button, you can get the current brightness.



2. Schedule: Click "Schedule" to enter the schedule interface, click "Add" to add the schedule brightness task, check 'adapt to the old device', set the brightness and time range as well as the default brightness. The default brightness will only take effect after the timed brightness time is over. For example, if the default brightness is 70%, the set brightness is 90%, and the time range is 6:00-22:00, then the brightness in the range of 6:00-22:00 will be 90%, and the default brightness will be 70% in other times. Then click "Apply", click "Readback" to view the current timed brightness tasks of the controller.



3. Delete schedule task, select the task and click 'Delete', then click 'Apply'. You can also adjust the controller brightness in the 'manual', which will also clear the schedule task of the controller.



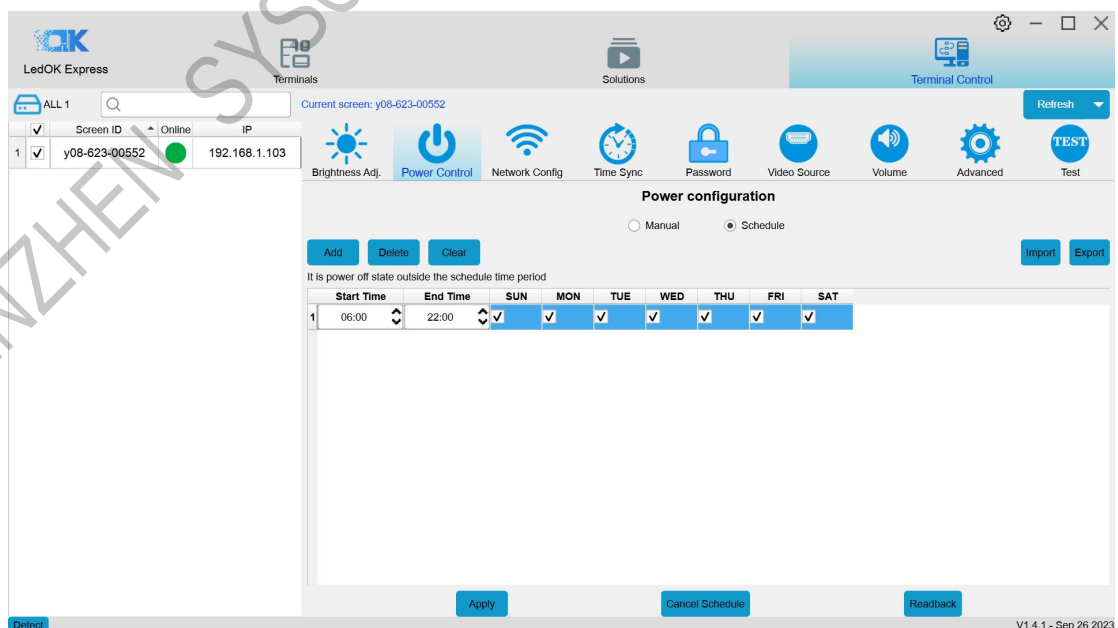
Power Control

There are two ways to set the power switch of the controller: (1) Manual: check the left side of the controller that you want to set the power switch, click on the "Switch" button to set the screen switch, click on the "Readback" button to get the current status of the controller's

on/off screen.



1. Schedule: Click the 'Schedule' button to enter the schedule interface. Click 'Add' to set the range of time and week for the controller to switch on and off, and then click to check the controller on the left side of the screen and click "Apply", then you can set up the timer to switch on and off the screen. Click 'Clear' to clear the power on/off schedule set by the controller, and click 'Readback' to check whether the power on/off schedule is set on the controller.

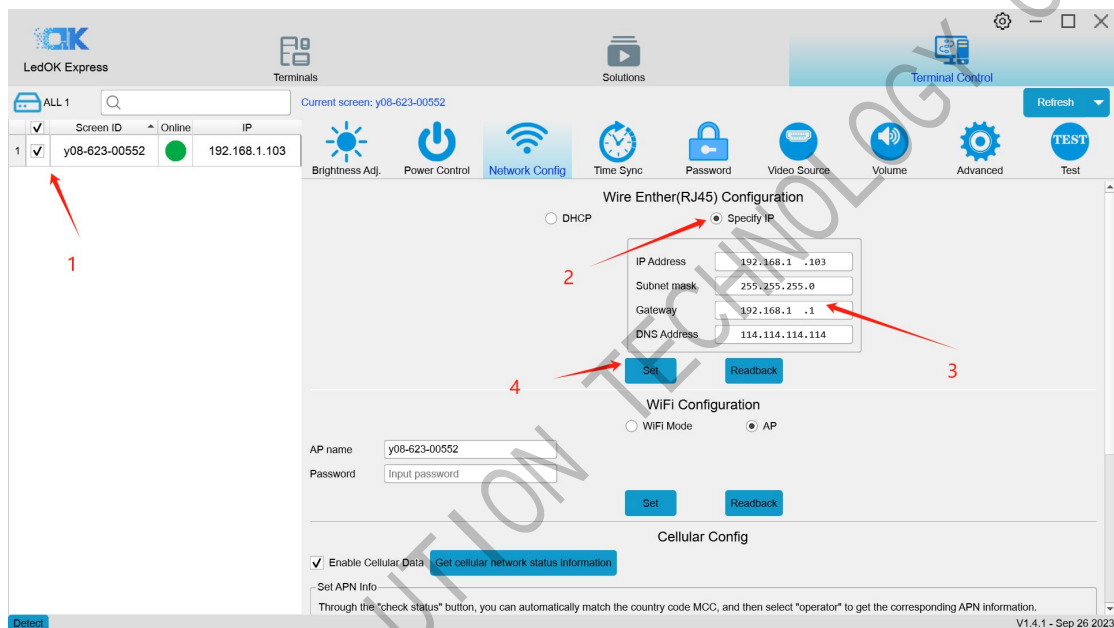


Network Configuration

There are three ways for the controller to access the network, which are Wired Ethernet, WiFi and 4G. Different models of controller according to the application to choose the way to access the network (one of the three options).

Wired Ethernet Configuration

Network configuration, first is Wire, can setup the controller IP address.



NOTES:

1. Controller will get access to internet by wire as first priority.
2. Must remove the LAN cable from controller if choose WIFI or 3G internet and choose automatically acquisition IP.

WiFi Configuration

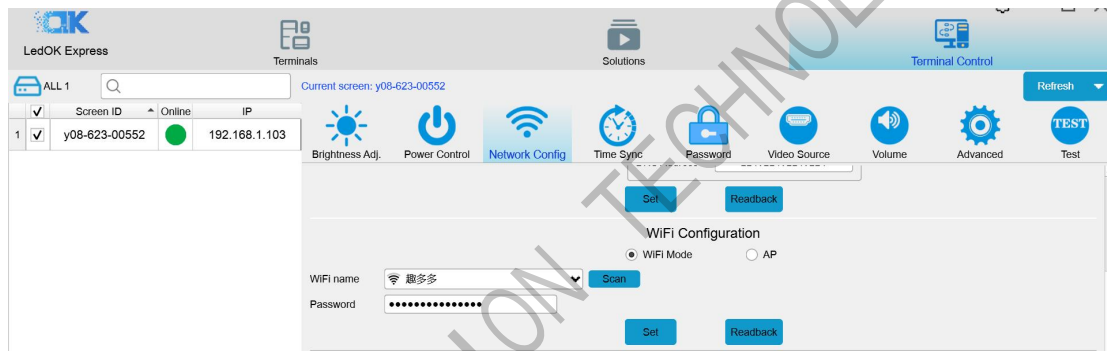
Turn on WIFI and scanning WIFI hotspot, then enter wifi password and click save.

Wait for about 3 minutes, controller will come online. Please watch the "Internet" light, if it flashing regularly means online success, go to AIPS platform and check it.

Check 'WiFi' and wait for about 3 seconds, then click "Scan" to scan for available WiFi. Select WiFi and enter the password, then click 'Save' to save the WiFi configuration to the controller.

NOTES:

If there is a network cable inserted into the controller at this time, you need to unplug the cable. If there is a WiFi dip switch on the controller, you need to dial the dip switch to the WIFI position, and the controller will automatically connect to the configured WIFI hotspot.



Wait for about 3 minutes, controller will come online. Please watch the "Internet" light, if it flashing regularly means online success, go to AIPS platform (www.ledaips.com) and check it.

NOTES:

1. If could not scanning the WiFi, please try to turn on/turn off Software or WiFi Switch.
2. If controller can't get access to internet through WiFi, please double check the steps below:

- A. WiFi antenna plug correctly.
- B. WiFi password is correct or not.
- C. If the Wireless router being accessed too many terminals?

- D. E series controller switch on WIFI mode?
- E. Try another WIFI hot spot.
- F. Y/M series controller, please make sure the LAN cable removed.

4G Setup

Check 'Enable Cellular Data' and select the country code MMC through the drop-down frame. Select 'carrier name' to get the APN information, and the specific identification of the carrier is shown in Figure 2; if you can't find the carrier, you can manually input the carrier information and APN information.

Click 'Set', after success, wait for about 3 minutes for the controller to automatically unplug the 4G network into the network; observe the 'internet' light of the controller flashing evenly and slowly, that is to say, it has been accessed to the cloud platform.

If the 'internet' light does not flash, check whether the APN is set correctly. If there is no error, you can reboot the controller and wait for it to go online.

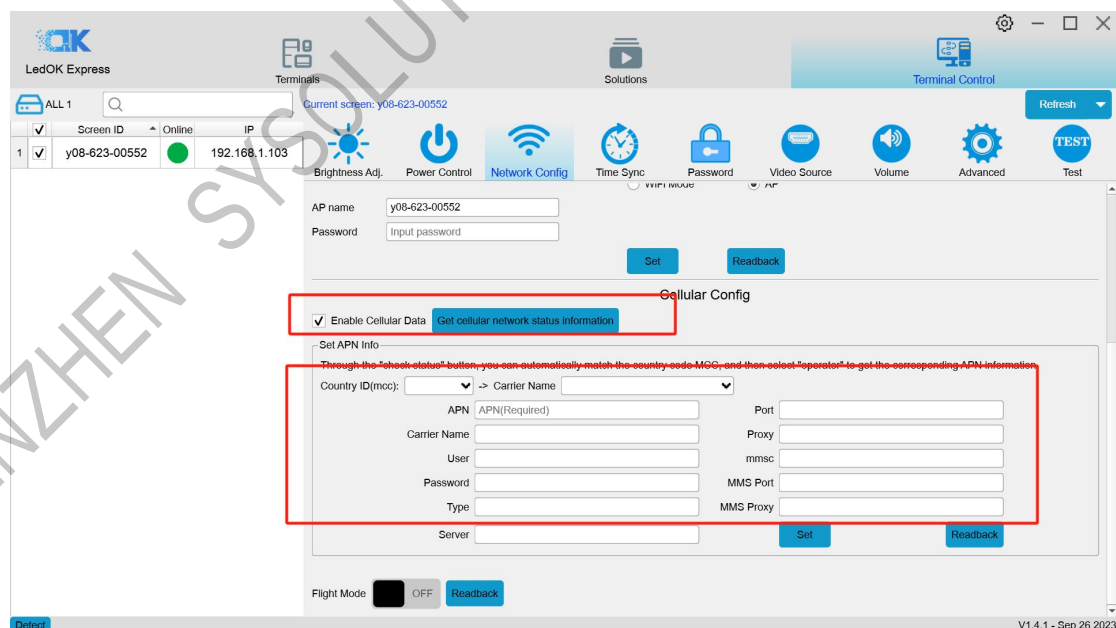


Figure 1

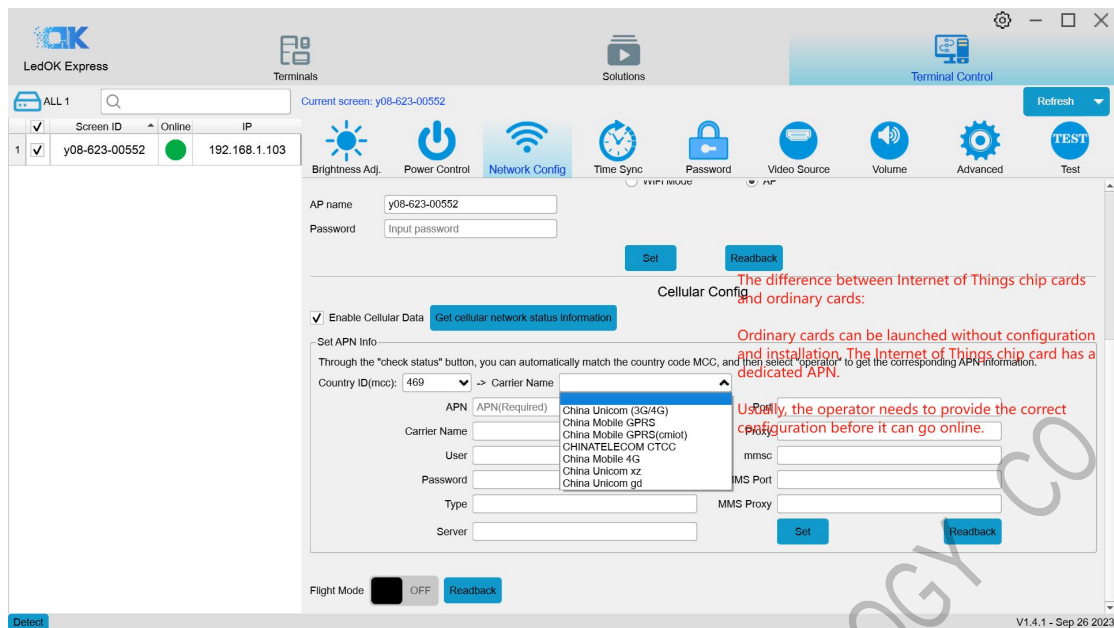


Figure 2

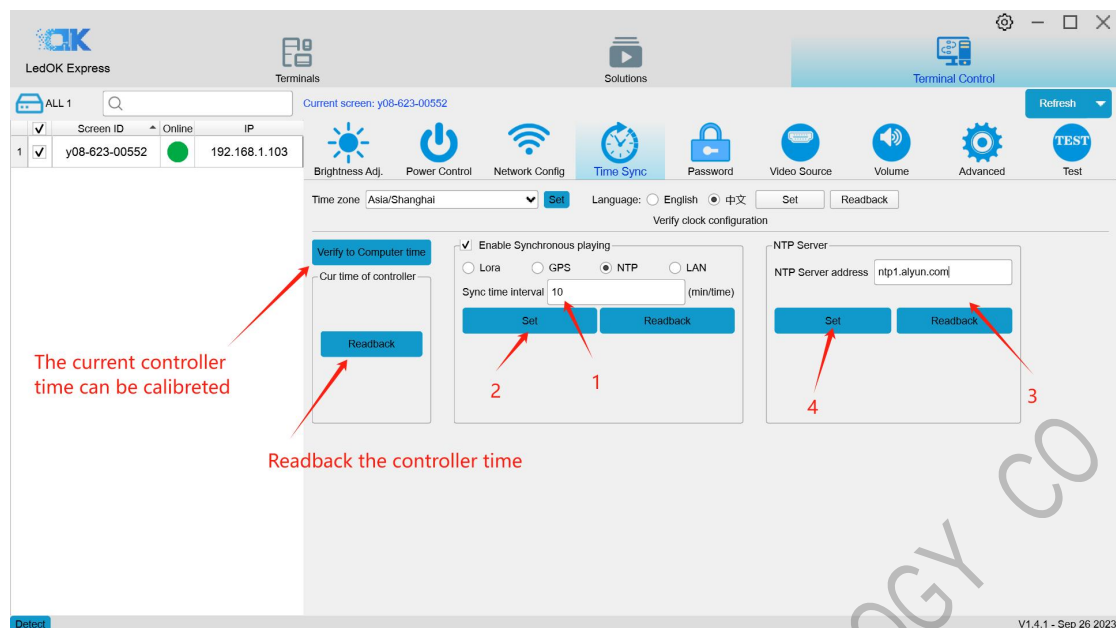
NOTES:

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

- A. 4G antenna has plugged correctly?
- B. Y/M series controller, make sure the LAN cable removed.
- C. APN is correct or not? (Consult with the carrier" available)
- D. SIM card has activate? SIM card has enough money and 4Gdata service?

Time Sync

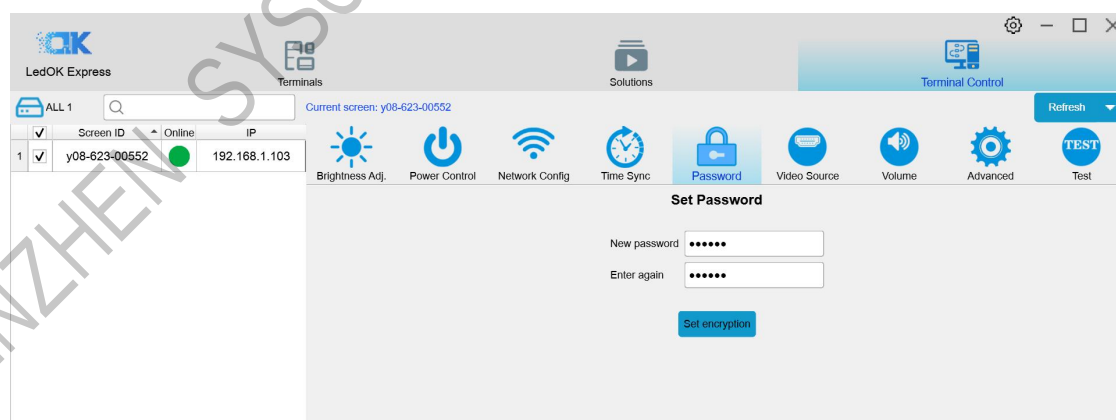
It is used for synchronized playback of the controller, after setting, the controller will automatically calibrate the time to synchronize the playback of the program screen. Click NTP, set the synchronization interval, click 'Set', then set the NTP server, the default server of the controller is: ntp1.alyun.com, click 'Set'.

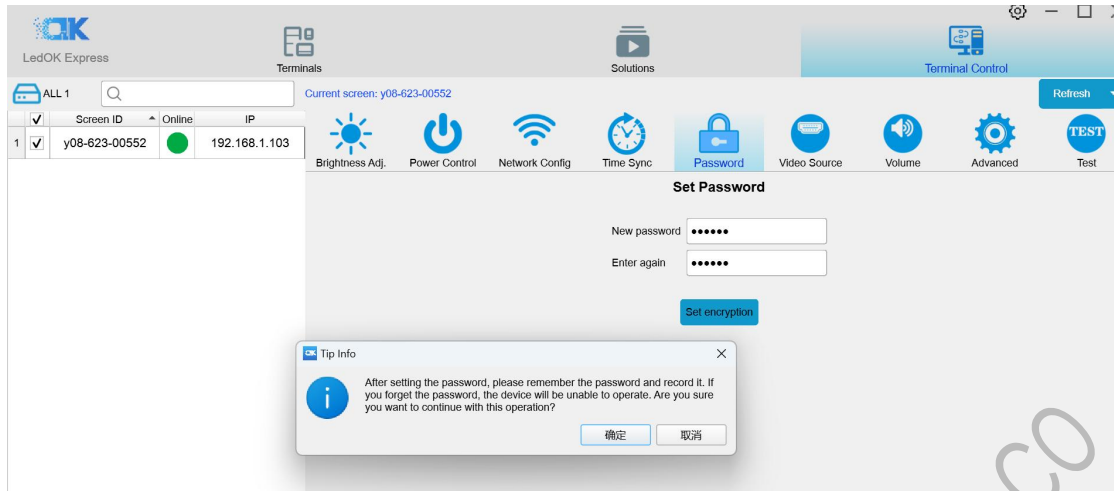


Set Password

(1) Demonstration of the encryption configuration function

Enter a new password for encrypted configuration (free setting, must be memorized!!!) , below enter the password to keep the same with the new password. After entering the encryption password, check the screen you need to control in the left navigation bar, click Encryption, a pop-up message prompt will appear, click OK, encryption is successful, a pop-up message prompts the successful execution of the encryption operation.





After finishing the above operations, click Solution Management to enter the interface for program publishing: select a program and click Publish.

LedOK Express						
Terminals						
Solutions						
Terminal Control						
Refresh						
ALL 1						
Screen ID Online IP						
1	✓	y08-623-00552	●	192.168.1.103		
Brightness Adj. Power Control Network Config Time Sync Password Video Source Volume Advanced Test						
Set Password						
New password: Enter again:						
Set encryption						
Tip Info						
After setting the password, please remember the password and record it. If you forget the password, the device will be unable to operate. Are you sure you want to continue with this operation?						
确定 取消						

You can see that the interface has a more encrypted logo, then continue to check the screen and then click on the lower right corner of the release button, in the progress column will appear screen has been encrypted this tip, at this time the program can not be published.

Publish Test

ALL: 1

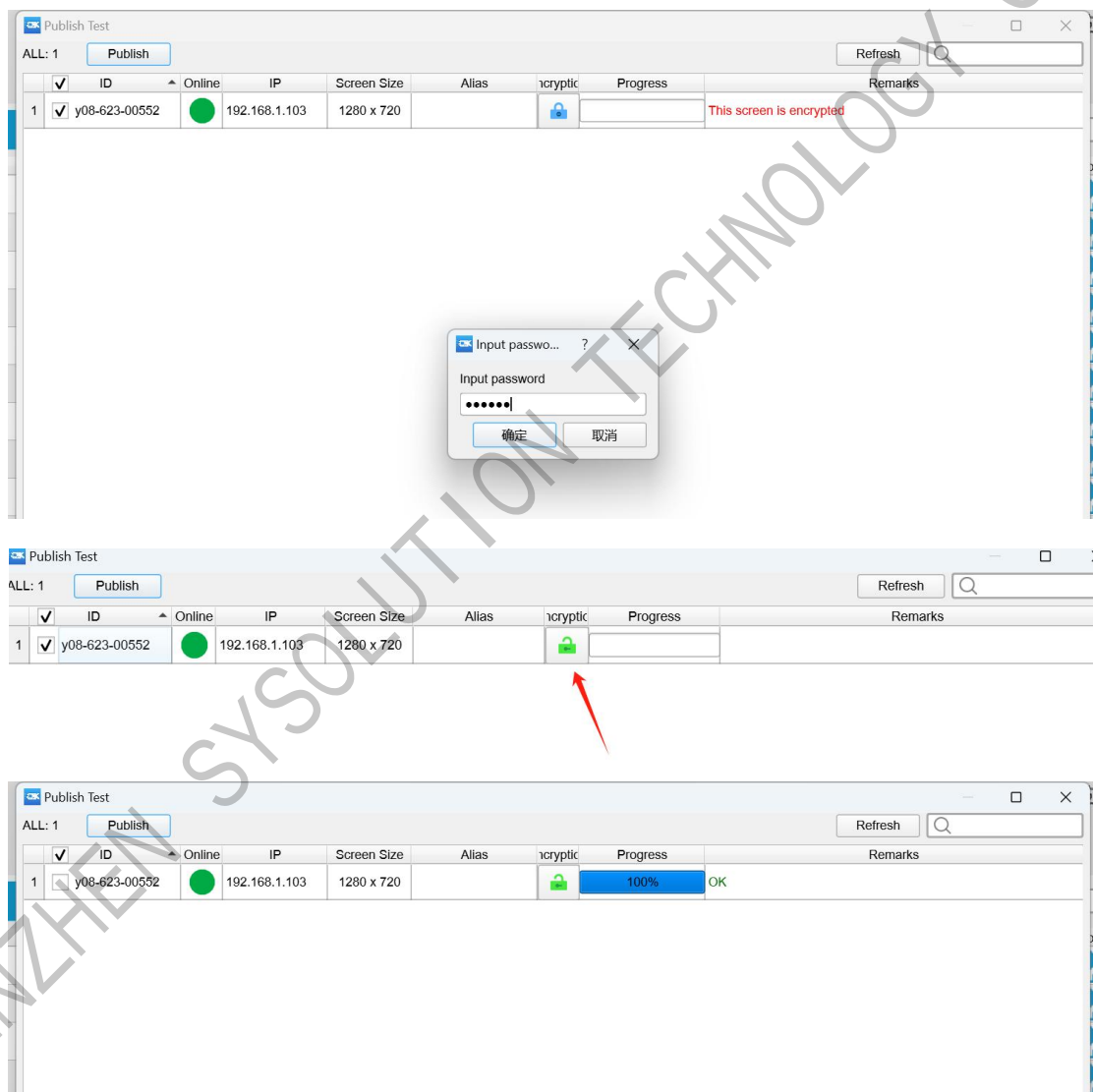
Publish

Refresh

	☒	ID	Online	IP	Screen Size	Alias	cryptic	Progress	Remarks
1	☒	y08-623-00552		192.168.1.103	1280 x 720				This screen is encrypted

(2) Encrypted method of publishing programs on screen

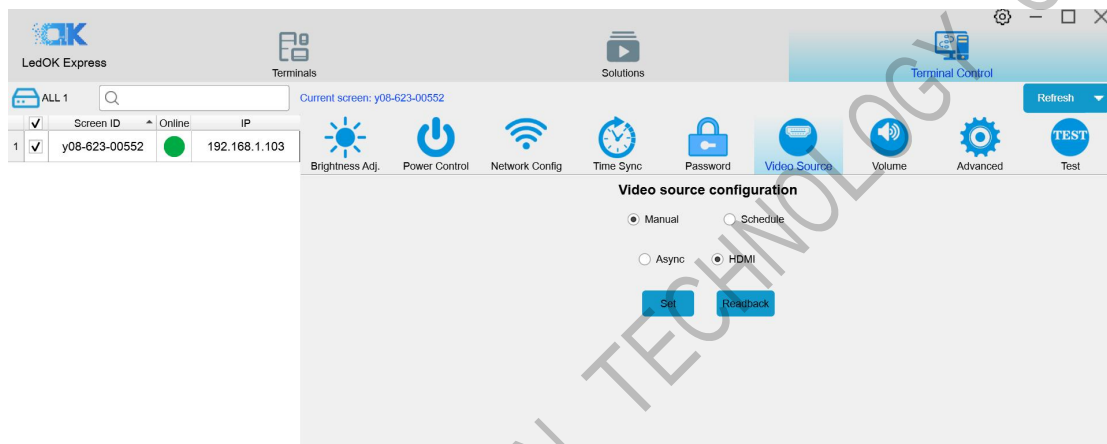
Method 1: Take the above operation, click on the encryption logo (lock icon), a pop-up window prompts for a password, which is the password configured in the previous encryption configuration. Enter the password and click OK, the lock of the encryption logo will be unlocked. At this time, then check the screen and click the lower right corner of the release can be published successfully.



Method 2: Re-enter the terminal control interface to select the encryption configuration function, enter the password of the previous encryption configuration, cancel the encryption, and then you can publish the program normally.

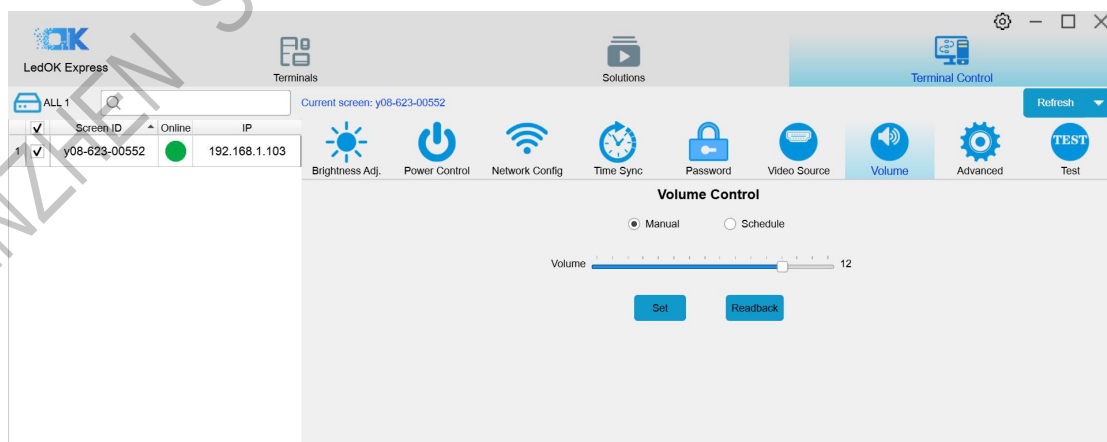
Sync&Async Setup

The channel can be manually switched between the sources of the picture played by the controller. Asynchronous playback is the program played by the controller, synchronous playback is the screen input from HDMI signal source. You can click "Readback" to read the current synchronous and asynchronous status of the controller. (Only applicable to controllers with synchronous/asynchronous switching function)



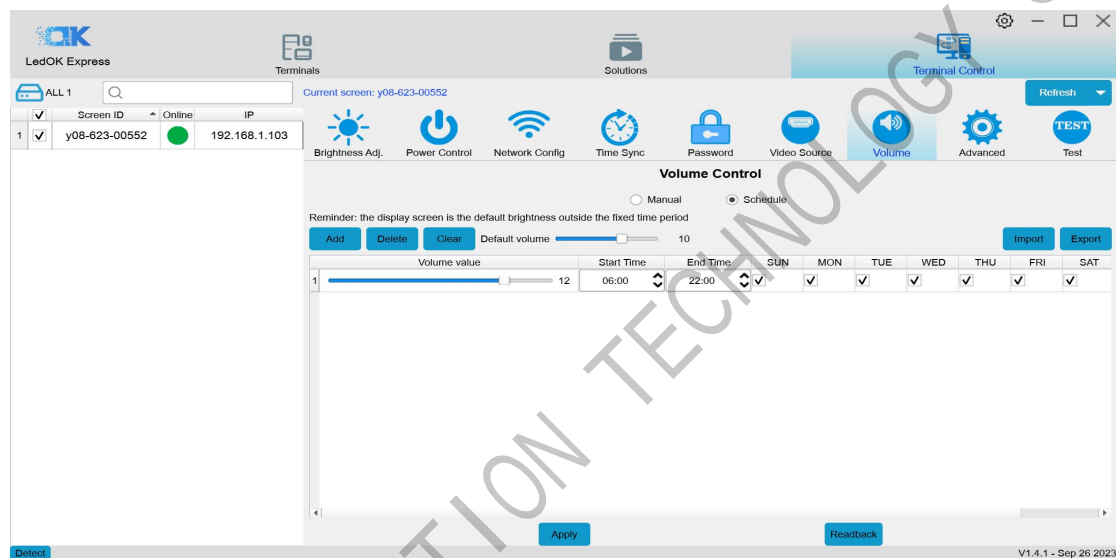
Volume Adjustment

There are two ways to adjust the volume: (1) manually: the range is from 0 to 15. drag to set the desired value, and then click on "Settings", click on the "Readback" button, you can get the current volume value.

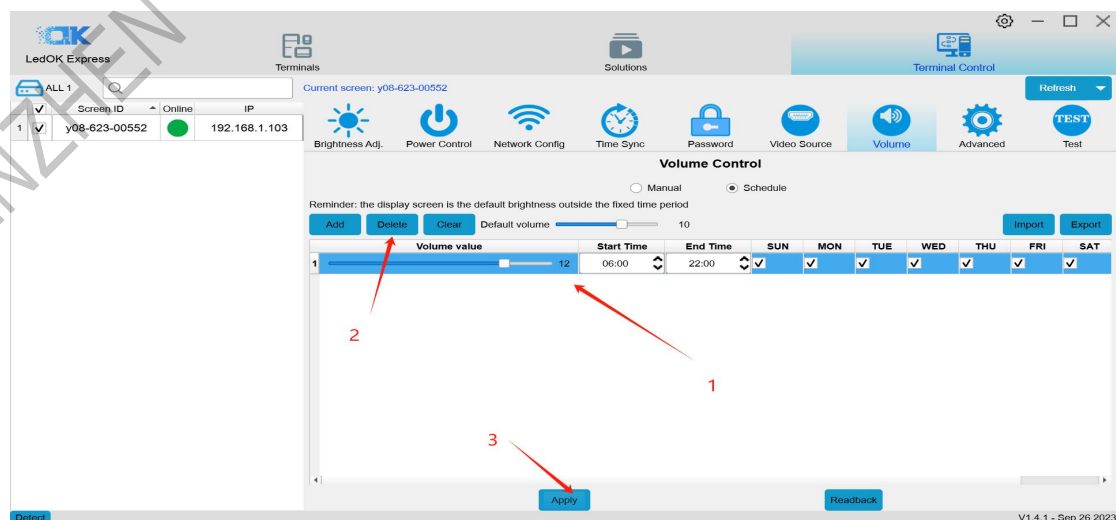


Schedule: Click 'Schedule' to enter the Schedule interface. Click 'Add' to add a timed

volume task. Set the volume, time range and default volume. The default volume will only take effect after the timed volume time is over. For example, if the default volume is 10, set the volume to 12, and the time range is 6:00-22:00, then the volume will be 12 in the range of 6:00-22:00, and the default volume will be 10 in the other time, and then click "Apply", and then click 'Readback'. Click 'Apply', and then click 'Readback' to view the current timed brightness task of the controller.

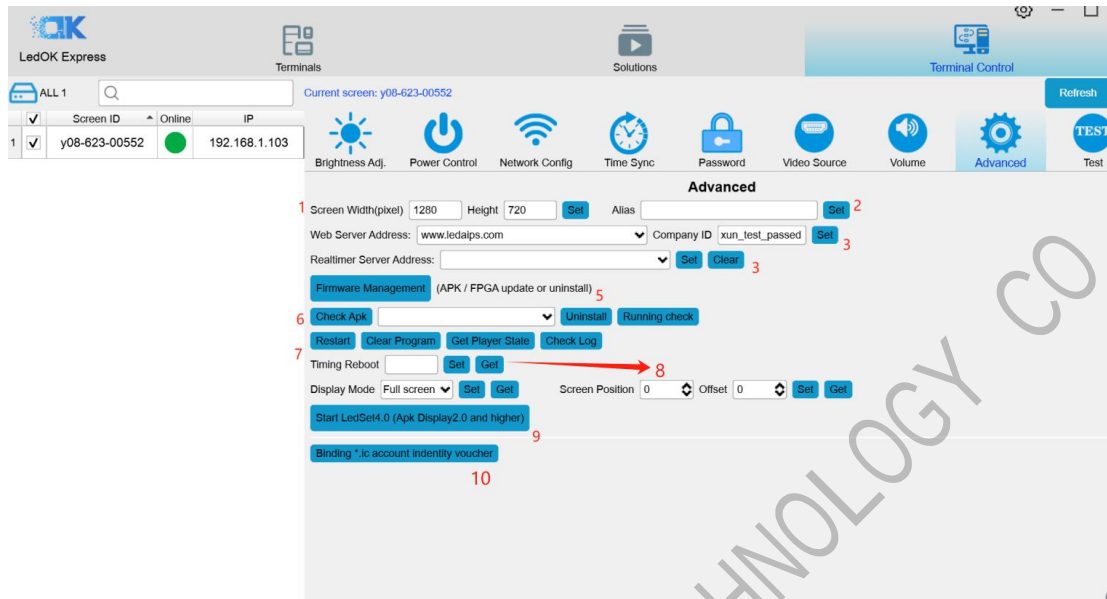


To delete a timed volume task, select the task and click 'Delete', then click 'Apply' to delete the timed task. You can also adjust the controller volume in the manual interface, which will also clear the timed volume task for the controller.



Advanced

Advanced password: 888



① Setup Led Screen Width And Height : Input the LED screen width and height parameters and then click on the setup prompt success can be.

② Setting the controller alias.

③ Set AIPS2.0 cloud platform: drop down to select the AIPS cloud platform address, www.ledaips.com.

Enter the company ID registered in the platform, click on the setup prompts success can be.

④ Setting the address of AIPS 4.0 Intelligent IOT platform or the address of the customer's own platform

⑤ Can uninstall and upgrade the controller software, please consult our technology to get the corresponding installation package and operating documents, please do not change privately.

- ⑥ Query the software version installed on the controller.
- ⑦ Restart the controller system
- ⑧ clear the program being played
- ⑨ LEDSET4.0 software, used to onfiguring the LED screen display parameters, please contact our technical cooperation debugging.
- ⑩ binding Vehicle HUB platform

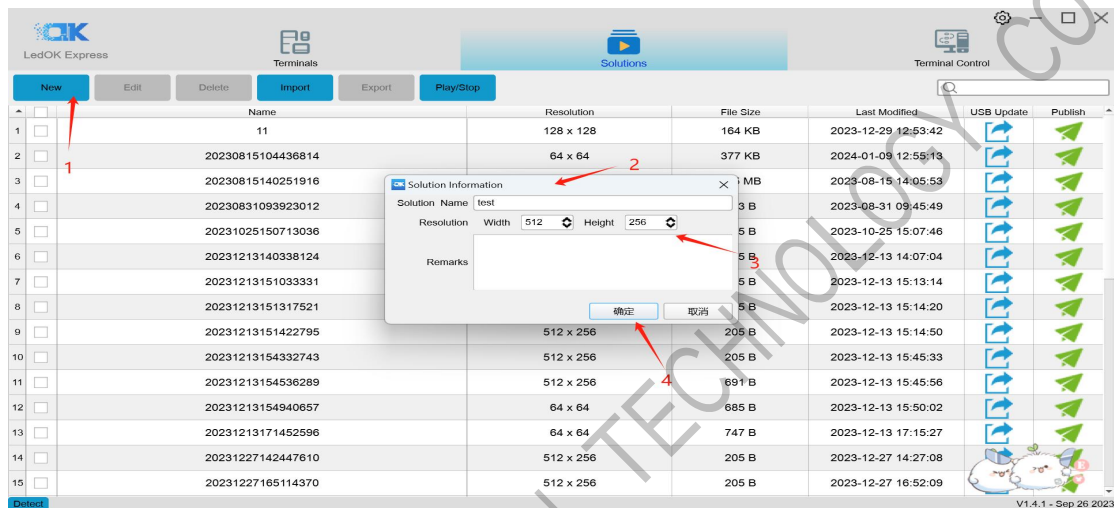
Note:

The above specific binding of each cloud platform, please refer to the following link:

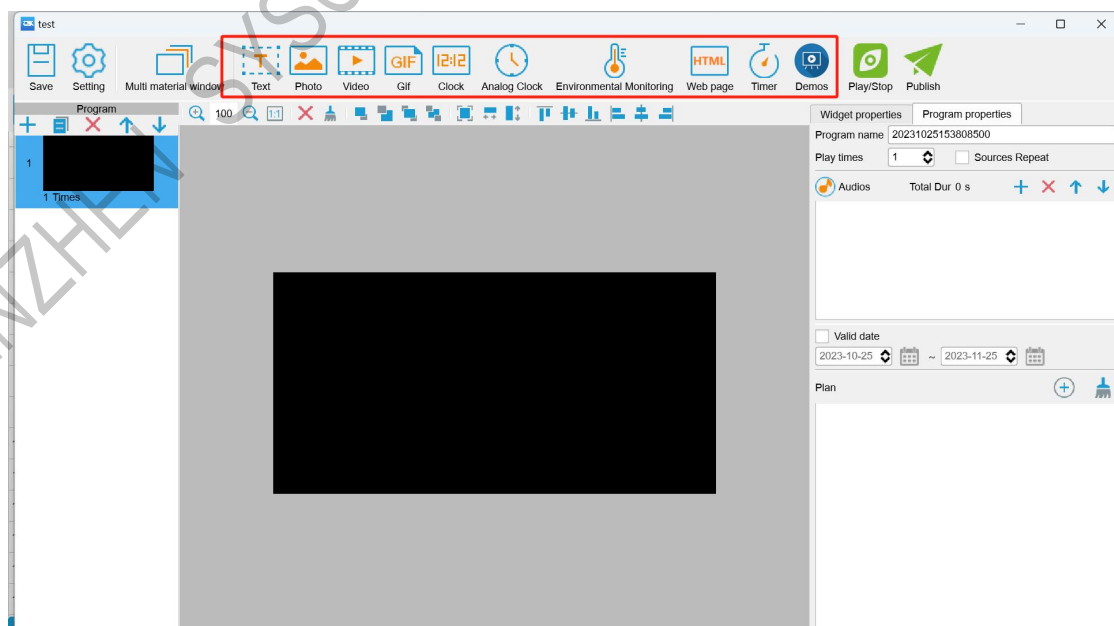
https://drive.google.com/file/d/1I4OaSztj7QkGoBTx0d9eJ_ZsGkFslAeS/view

LEDOK Upload /Publish Program

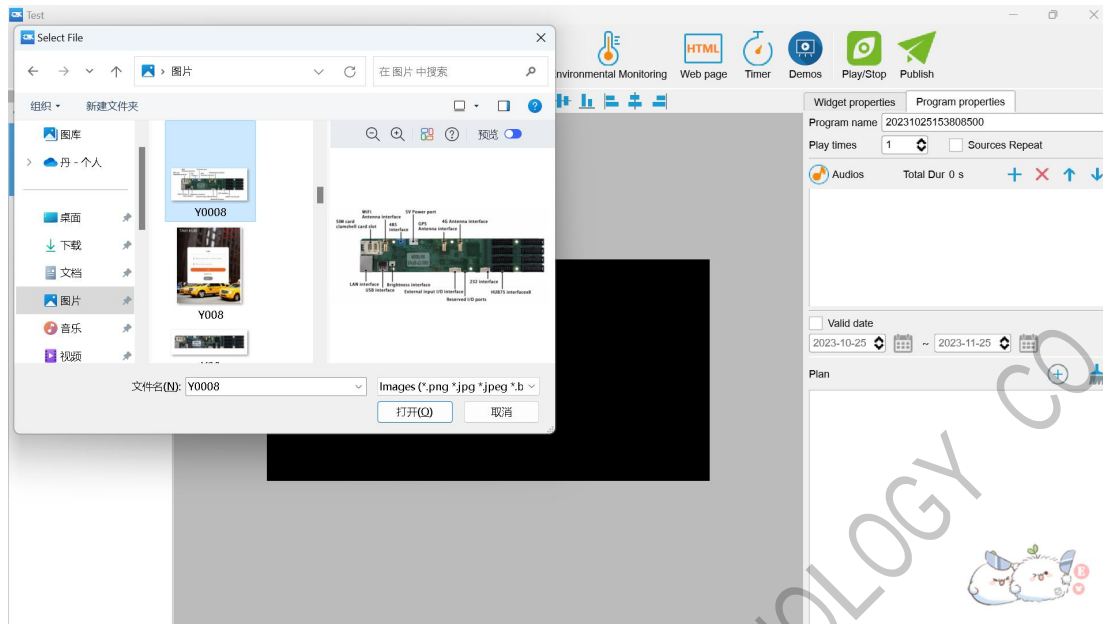
1. Open the program management interface, its name is Solution in software, then click 'New', input the program name and size information in the dialogue box and enter the editing interface.



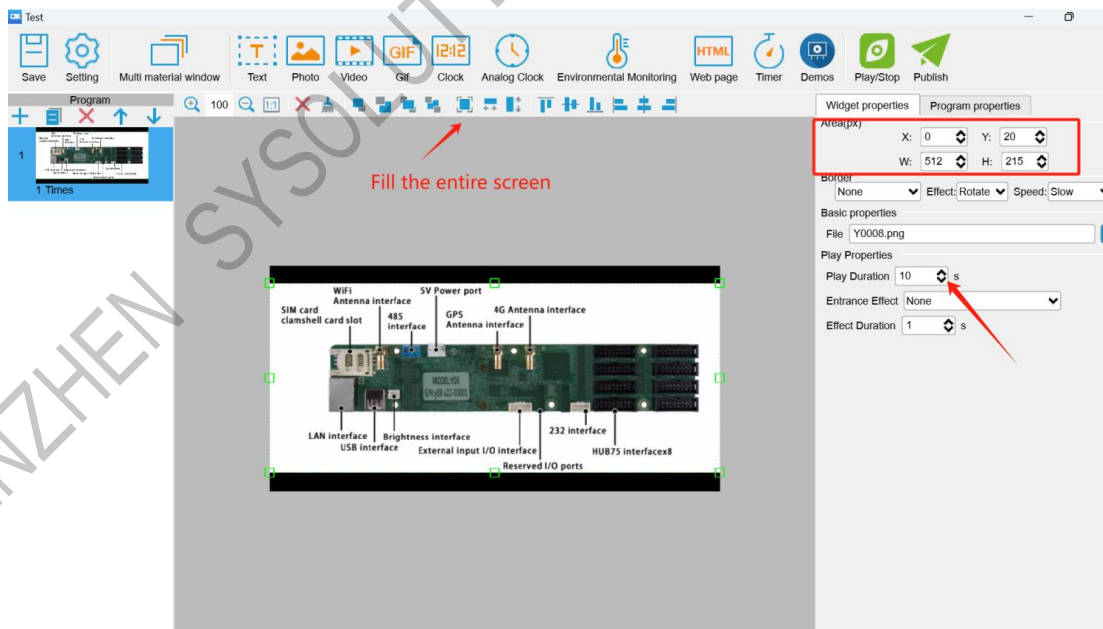
2. As shown in the figure, the top is the type of material that can be added, you can add video, pictures, text, digital clocks, analog clocks, etc., according to the need to choose, this article to pictures and videos as an example.



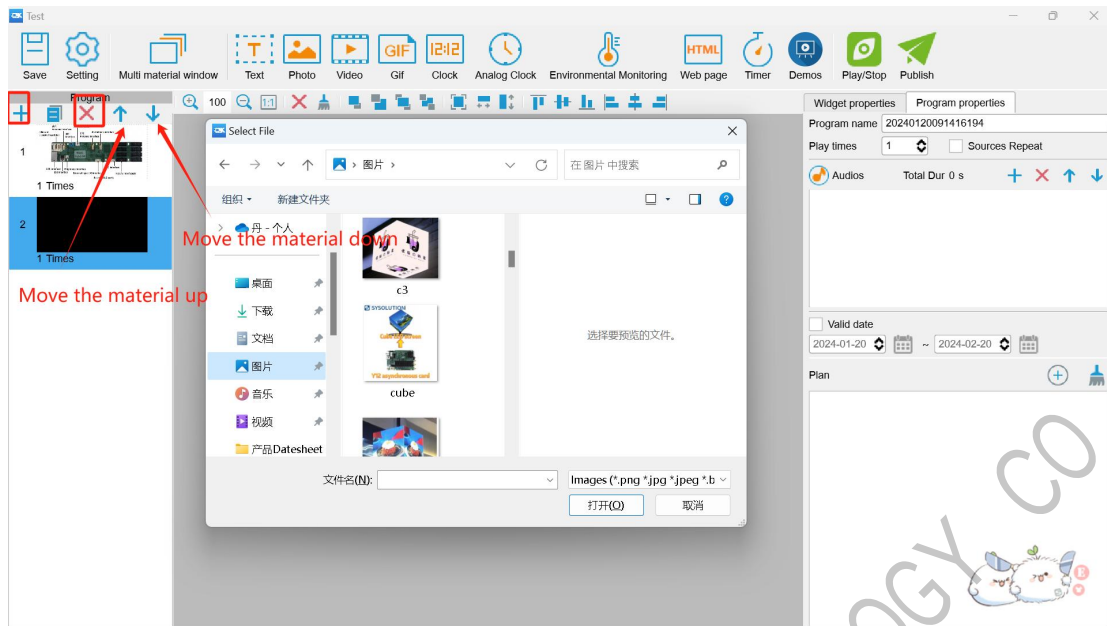
- Click on the picture and select the picture you want to play.



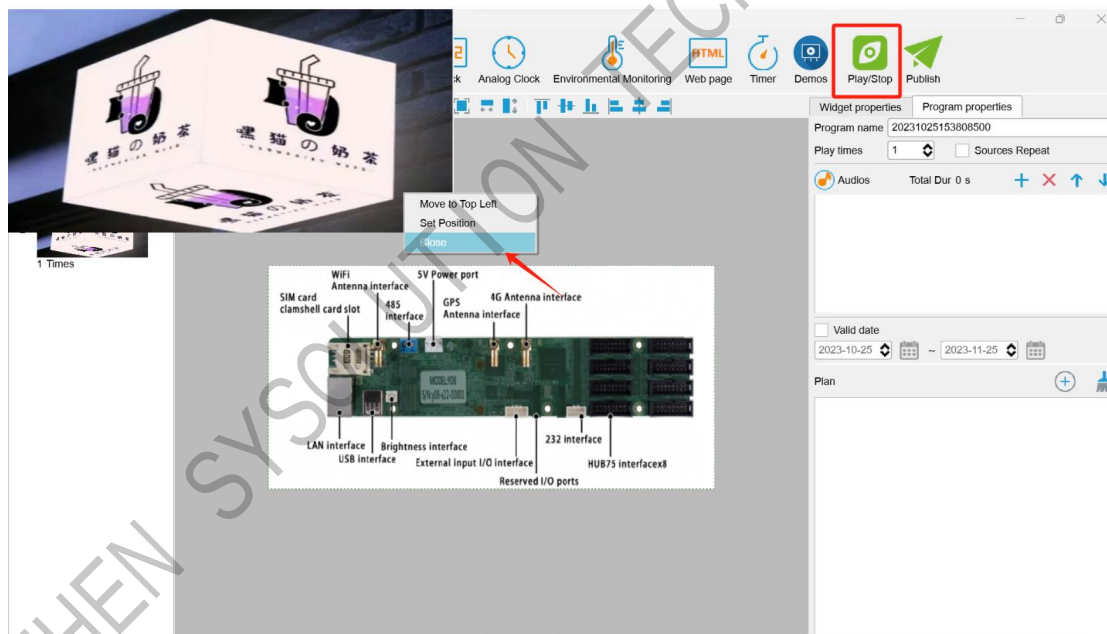
- After the photo is added, you can click 'full screen' to make the photo spread all over the screen, or you can set the size of the material to make it full screen in the component properties on the right side. The default playback time of the added photo material is 10s, if you need to change the playback time, you can change it in the widget properties.



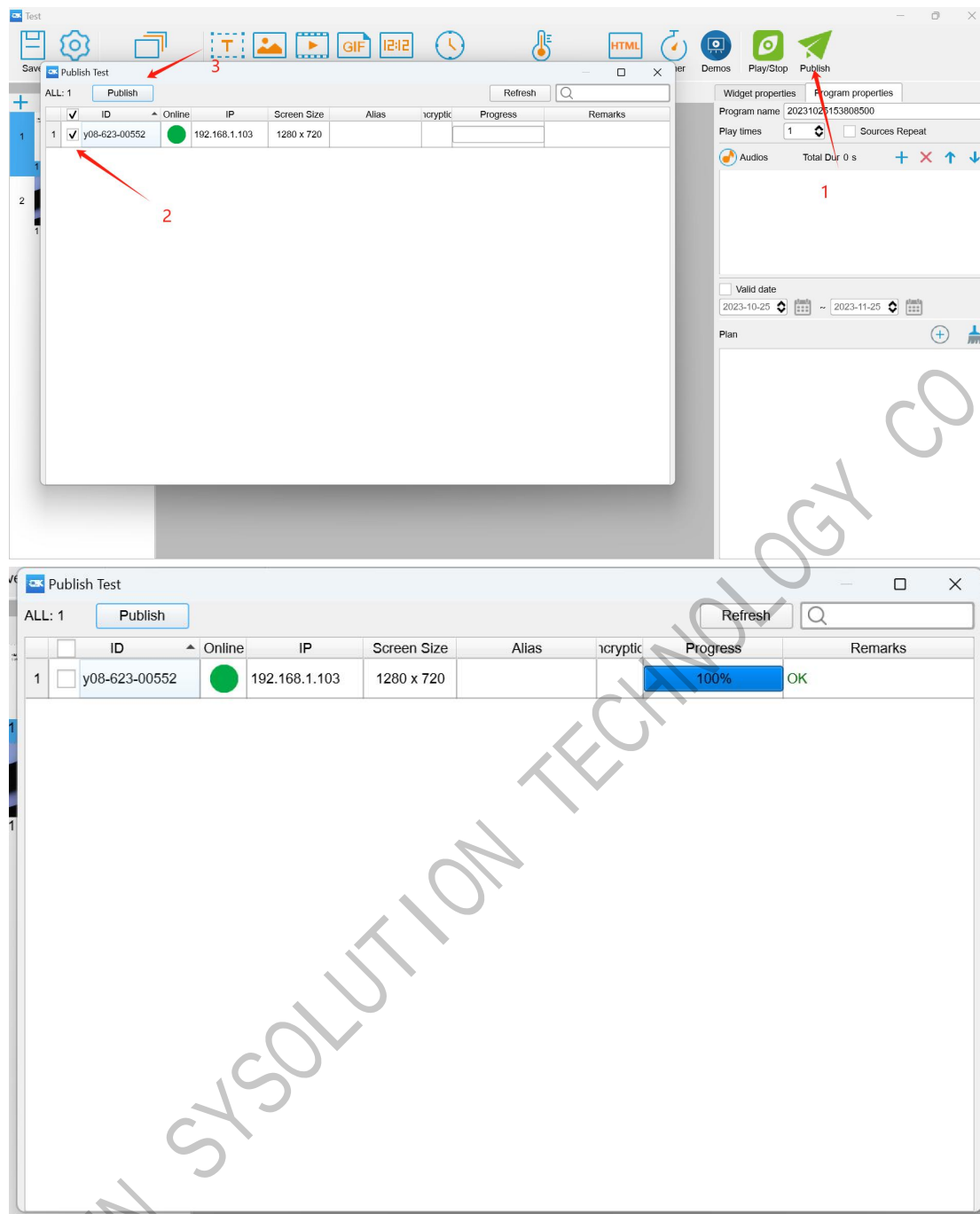
- Click the '+' at the top left to add a second material and the 'X' to delete the material page.



6. When the program is finished, you can click 'Play/Stop' on the top to preview the program. You can close the preview by clicking the right mouse button.



7. Click publish button after done all setup, and select the controller id and click send, 100% means send success.



- The finished program will present in the solution management. At this time, you can check the program and click "Edit" to enter the program page again to modify the program, and then follow the above steps to send the program.

LedOK Express		Terminals		Solutions		Terminal Control	
New		Edit	Delete	Export	Play/Stop	Search	
		Name	Resolution	File Size	Last Modified	USB Update	Publish
13	☐	20231213171452596	64 x 64	747 B	2023-12-13 17:15:27		
14	☐	20231227142447610	512 x 256	205 B	2023-12-27 14:27:08		
15	☐	20231227165114370	512 x 256	207 B	2024-01-20 09:26:34		
16	☐	20231227165213163	512 x 256	205 B	2023-12-27 16:52:34		
17	☐	20231228154654879	512 x 256	656 B	2023-12-28 15:48:00		
18	☐	20231228154826278	512 x 256	656 B	2023-12-28 15:48:51		
19	☐	20231228154951664	512 x 256	656 B	2023-12-28 15:50:23		
20	☐	20240102174831590	64 x 64	134 KB	2024-01-02 17:49:18		
21	☐	20240102174920344	64 x 64	135 KB	2024-01-02 17:49:47		
22	☐	22222	288 x 96	22.9 MB	2023-12-15 12:18:48		
23	☐	green	64 x 64	16 KB	2024-01-02 18:06:48		
24	☐	red	64 x 64	4.58 KB	2024-01-02 18:07:24		
25	☒	Test	512 x 256	194 KB	2024-01-20 09:25:32		
26	☐	Test 2	288 x 96	22.9 MB	2024-01-02 17:48:03		
27	☐	Test3	64 x 64	55.7 KB	2024-01-09 14:25:33		