

User Manual



HD-A5L

CONTENT

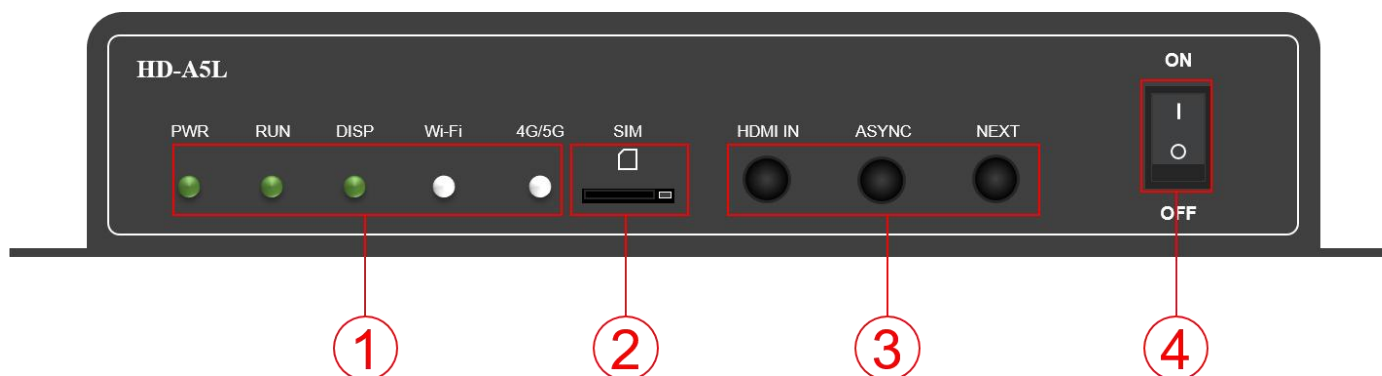
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Chapter 1 Interface connection

1.1 HD-A5L Appearance and interface

Front panel:

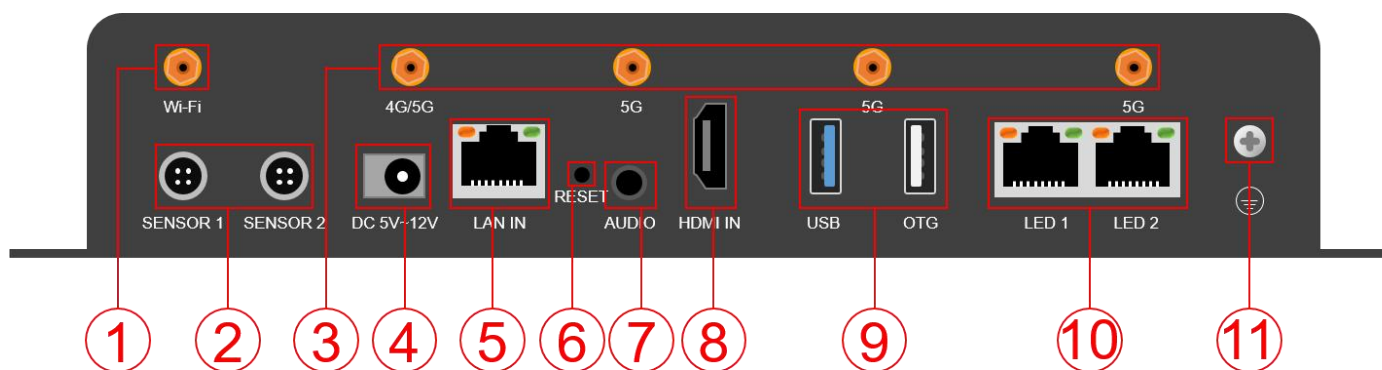


Serial number	Name	Description
1	Working light	PWR: Power indicator light, the green light is always on, and the power input is normal RUN: System running light, the green light is flashing, the operating system is running normally; the green light is always on or off, the system is running abnormally

		DISP: Display indicator, green light flashes, the FPGA system is running normally; the green light is always on or off and the system is running abnormally Wi-Fi: Wireless indicator light, in AP mode, the green light is blinking; in STA mode, the green light is always on. The red light is blinking, the Wi-Fi is abnormal, and the light is off; the Wi-Fi bridge cannot connect to the server, and the yellow light is always on 4G/5G: Communication network indicator, green light is always on, the connection to the cloud server is successful; yellow light is always on, the cloud service cannot be connected; red light is always on, there is no signal or the SIM is in arrears or cannot dial; the red light is blinking, the SIM cannot be detected; No light, no module detected
2	SIM card slot	Nano SIM card slot, providing 4G/5G networking for remote control (optional 4G/5G module)
3	Function button	HDMI IN: HDMI signal input, synchronous playback ASYNC: Asynchronous mode switching

		NEXT: Switch program play
4	Switch	Control the power of the player box, ON means power on and OFF means power off

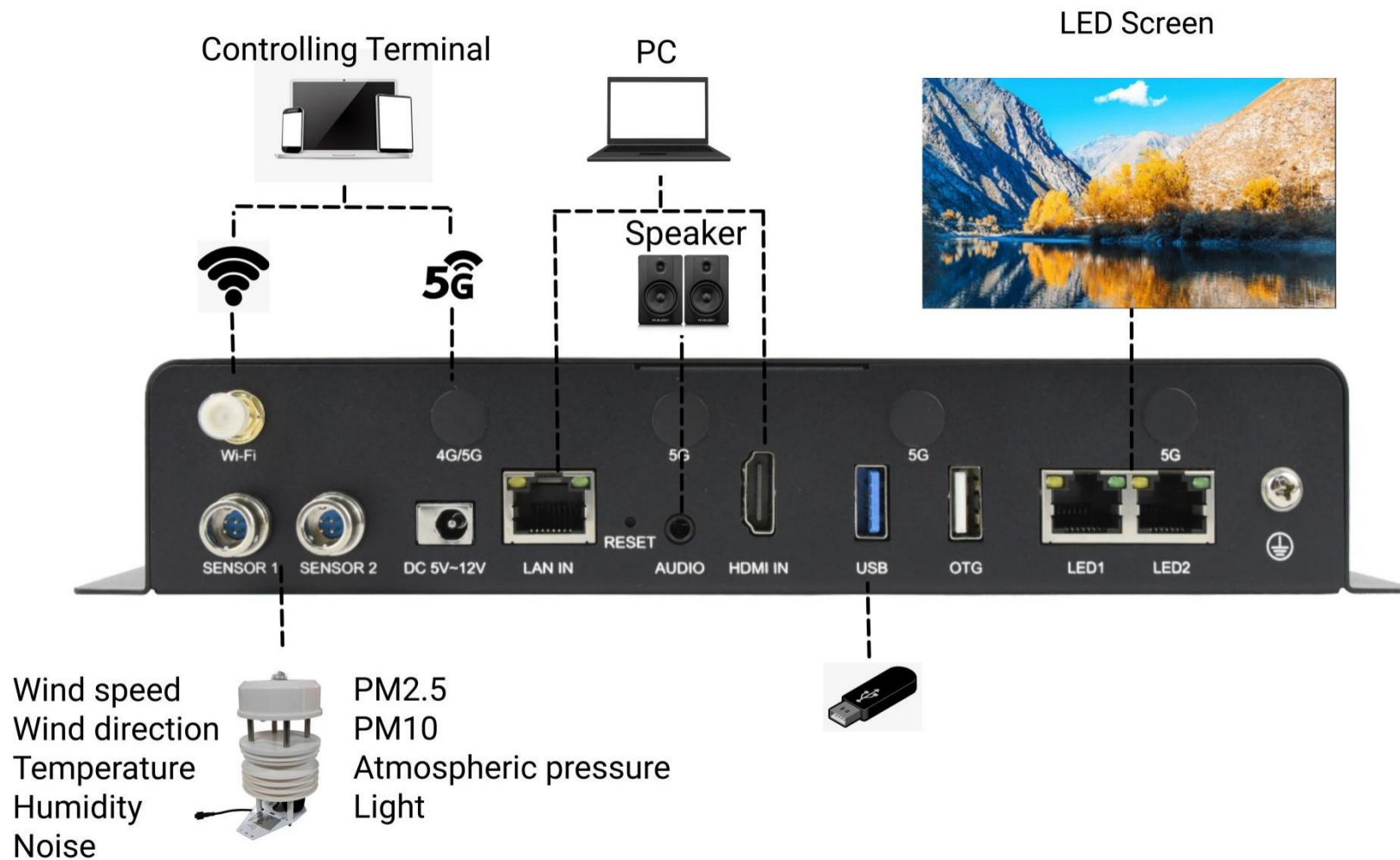
Rear panel:



Serial number	Name	Description
1	Wi-Fi antenna	Connect Wi-Fi antenna to enhance wireless signal
2	Sensor	External temperature, humidity, brightness, wind speed, wind direction, noise, PM2.5,

		PM10, CO ₂ and other sensors
3	4G/5G antenna	Connect 4G/5G antenna (4G with 1 antenna, 5G with 4 antennas, optional)
4	Power supply	5V 3A ,12V 1.5A
5	Input network port	Gigabit input network port, connect to computer to debug and release programs, can be used to access LAN or Internet
6	Reset	Reset pinhole
7	Audio output	TRS 3.5mm standard two-channel audio output port
8	HDMI	HDMI IN: HDMI1.4 synchronous signal input interface, support adaptive scaling
9	USB	USB: USB3.0 for updating programs, inserting programs or expanding capacity OTG: Used for debugging or upgrading firmware (default USB 2.0 function, factory configurable)
10	Output network port	Gigabit output network port, cascaded with HD-R series receiving card
11	Ground wire	Ground wire connection port

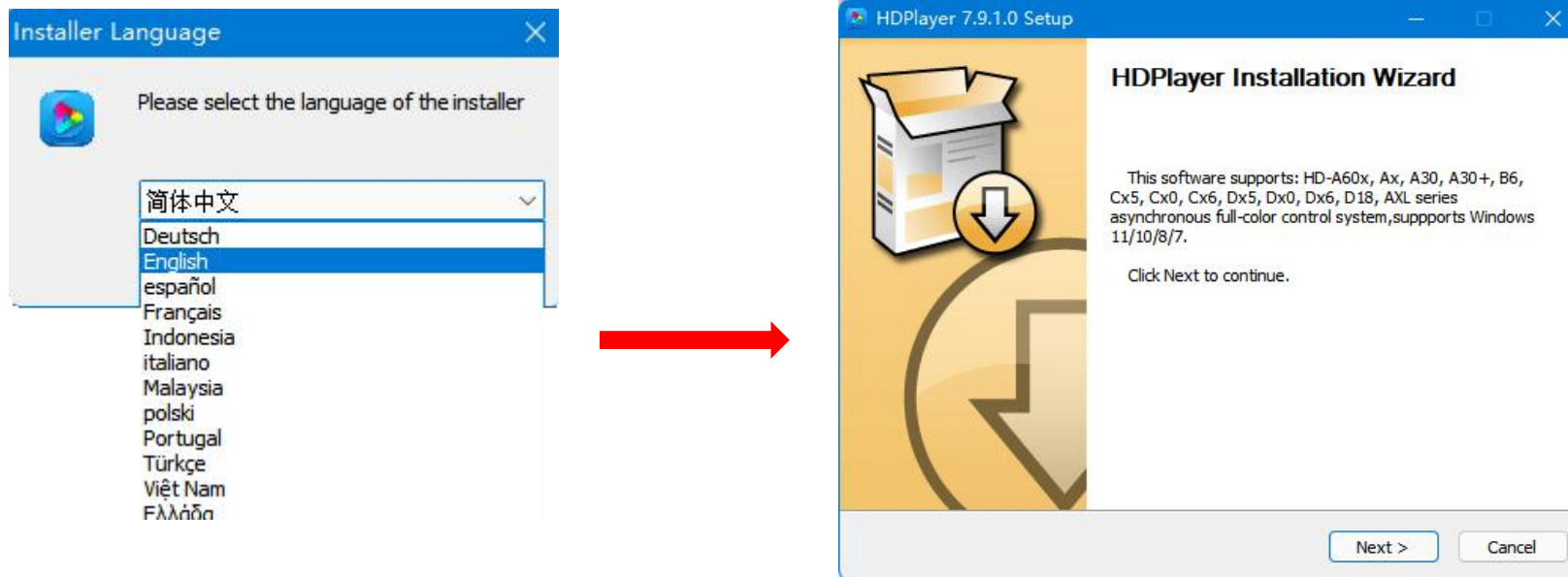
1.2 Hardware connection



Chapter 2 HDPlayer installation

Please download the installation package of HDPlayer software from Huidu's official website www.huidu.cn, and complete the installation according to the diagrams below:

1.Run the software package,then select language for installer. Click [OK] to go on.

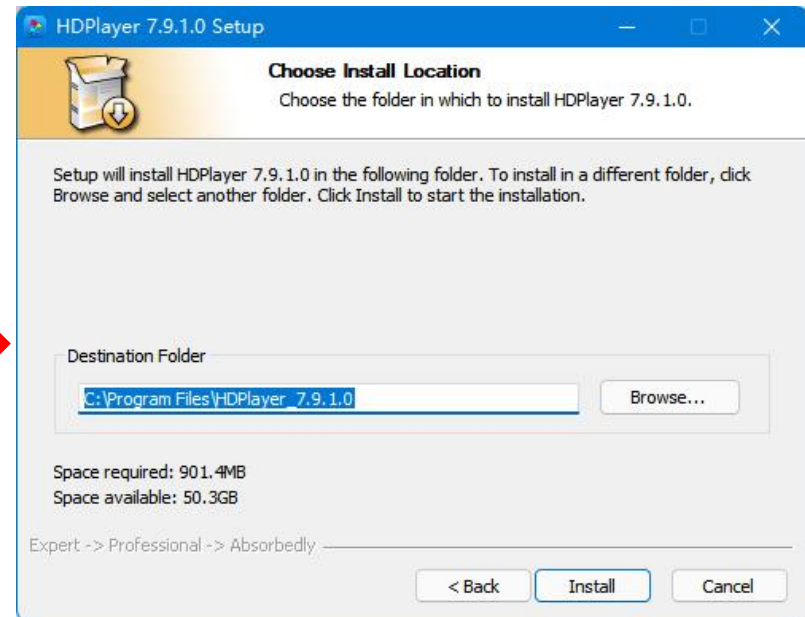
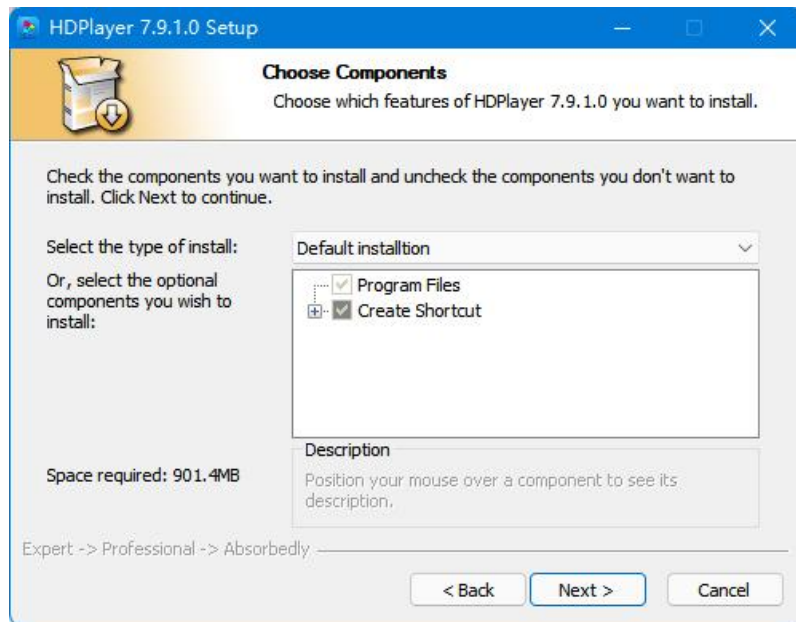


2. After selecting a language, an installation wizard like below will appear. Click [Next].

Choose components, default installation.

Choose the installation location, click [Browse] to change the default target location, then click [Install] after completing;

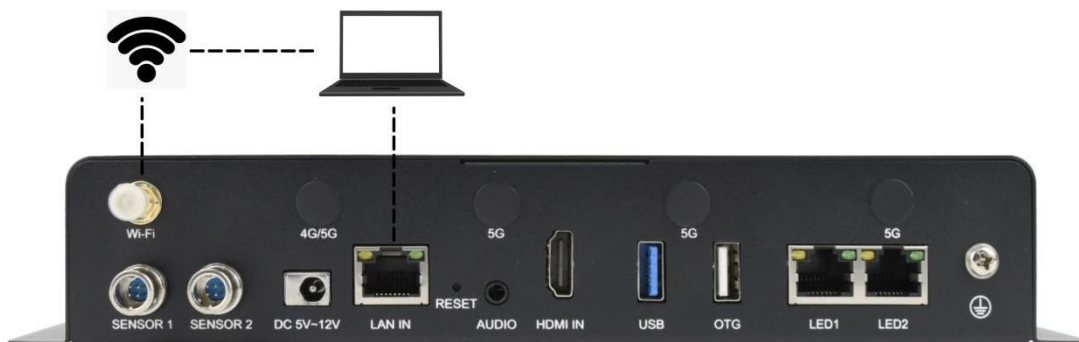
After the installation is complete, you are ready to use HDPlayer.



Chapter 3 HD-A5L Parameter settings

3.1 Connection

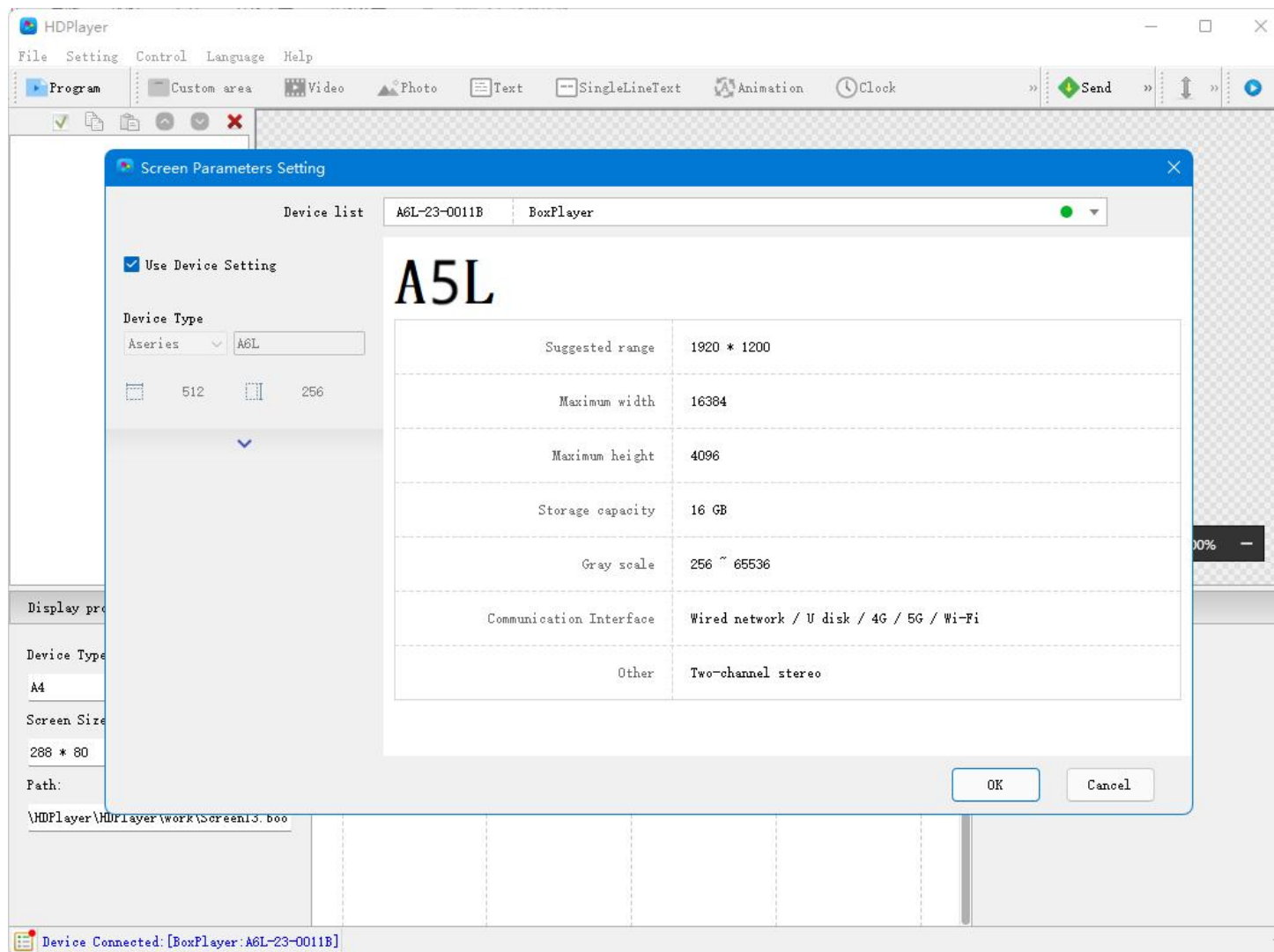
Connect the A5L to the computer by CAT5/6 cable or WiFi(Default password:88888888).



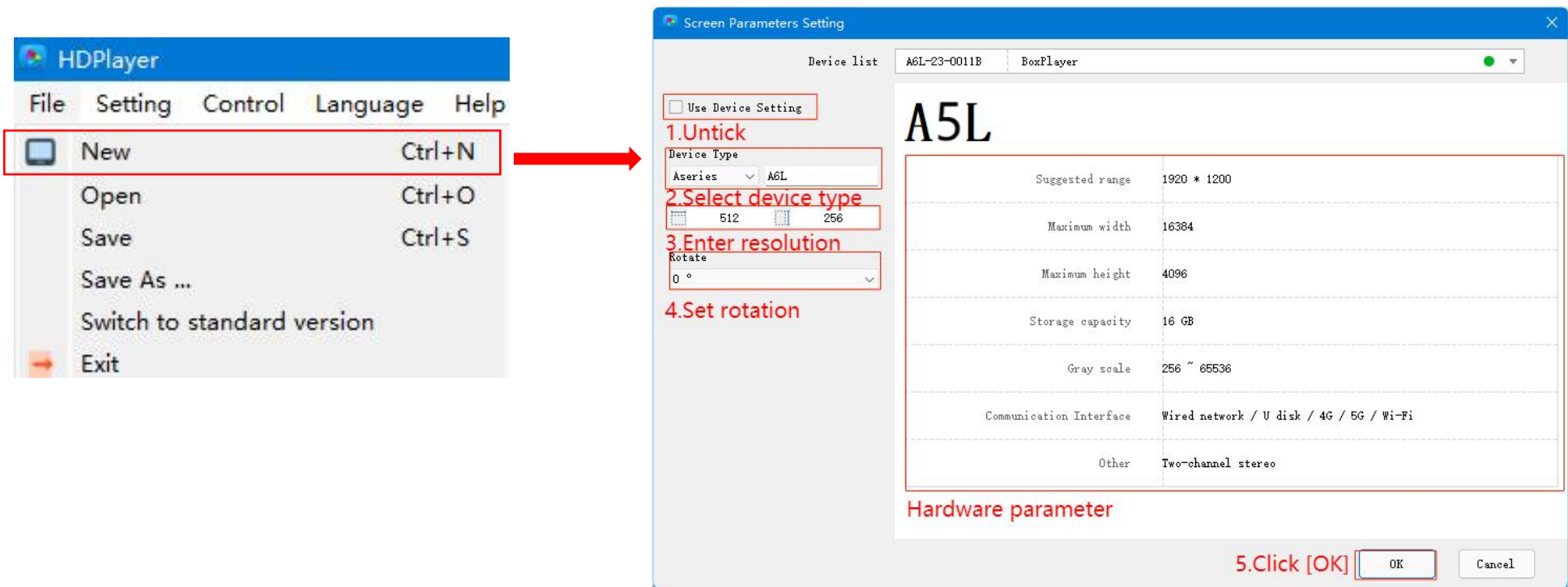
3.2 Basic Setting

3.2.1 Create new screen for A5L

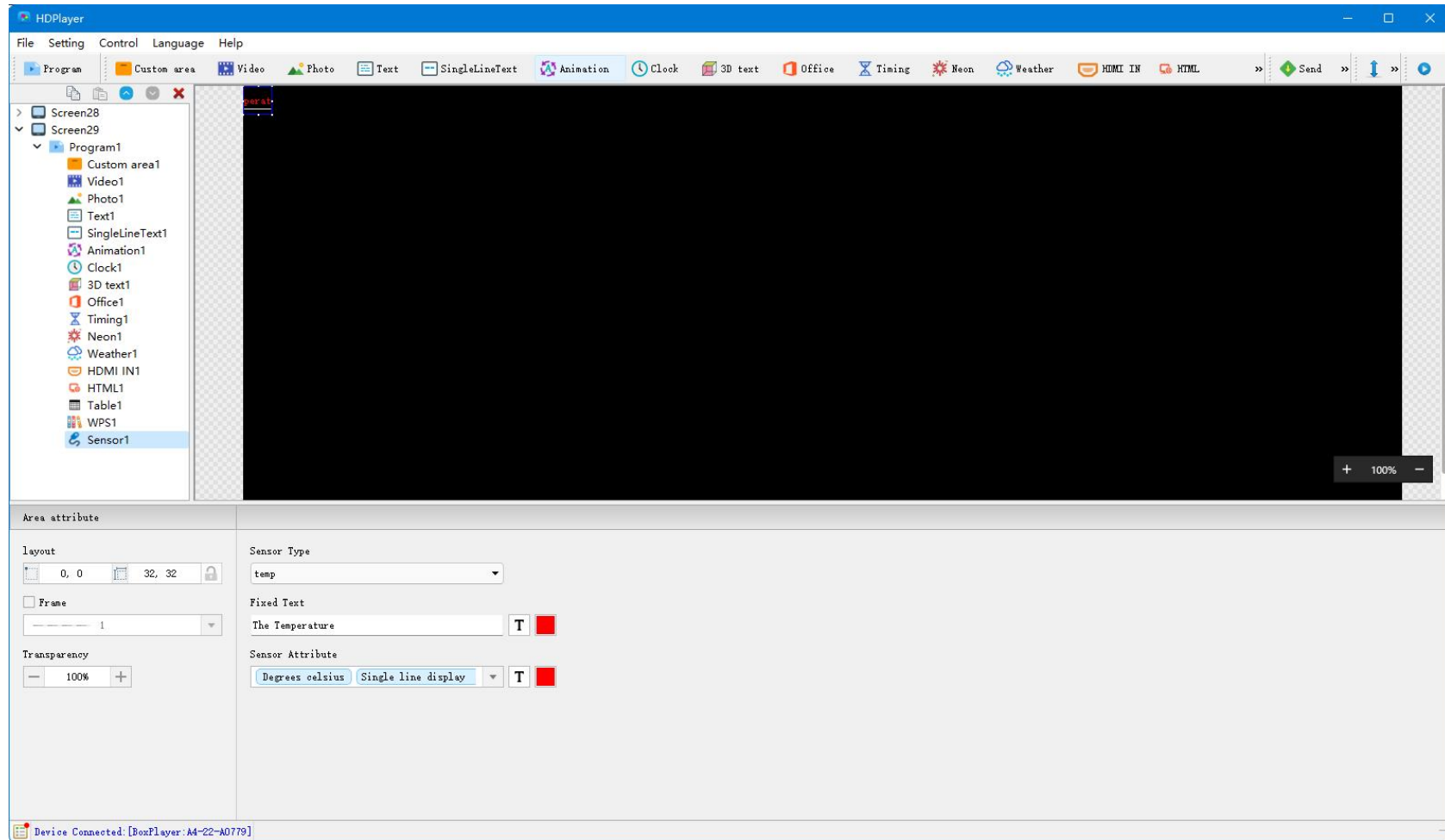
1.Run the HDPlayer software then it shows the A5L connected.



2.You need to create a new screen,then set the screen parameters.Click [OK] after you finish the setting.

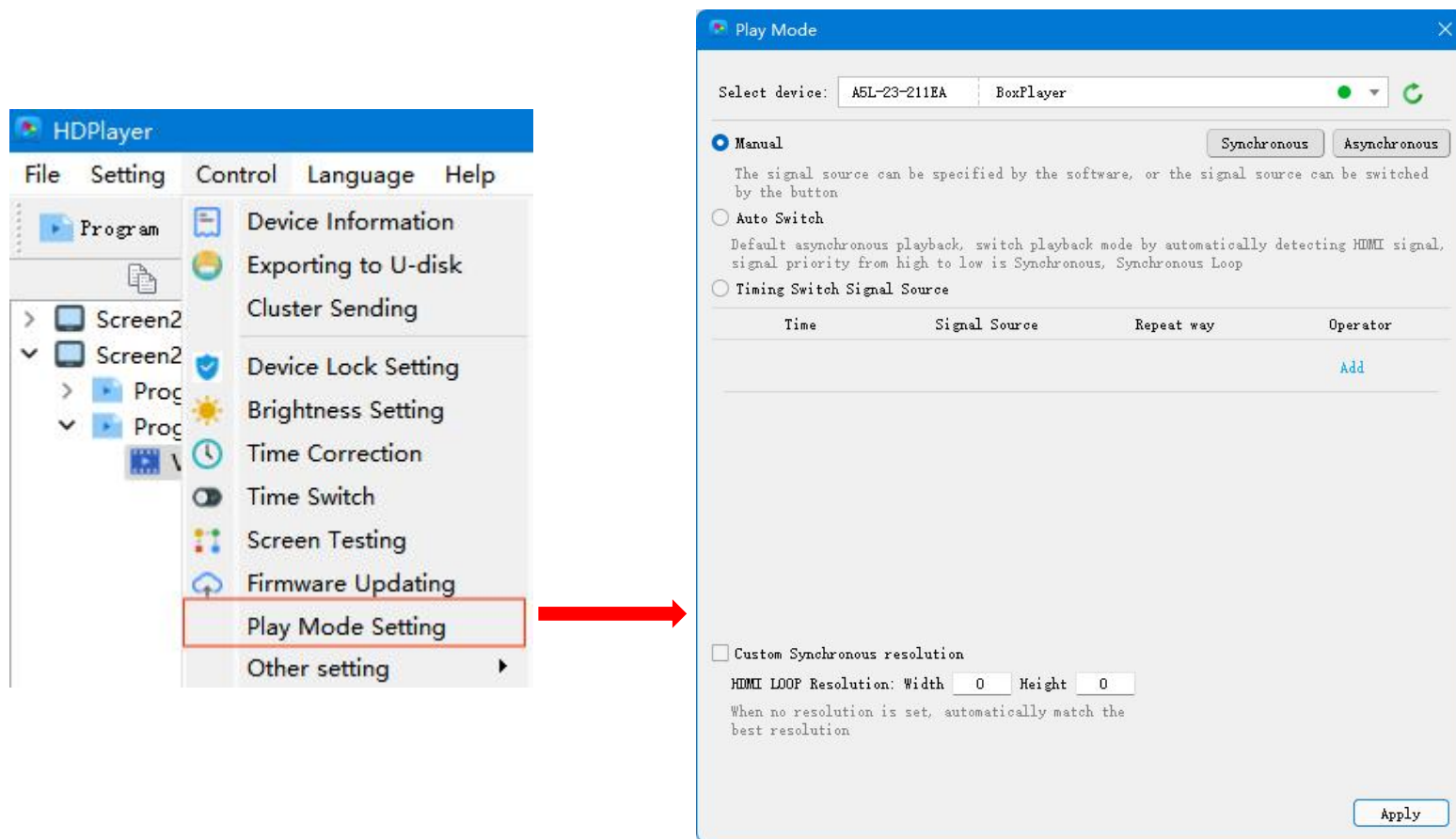


3. After the previous steps, you can begin to edit the program.



3.2.2 Play mode setting

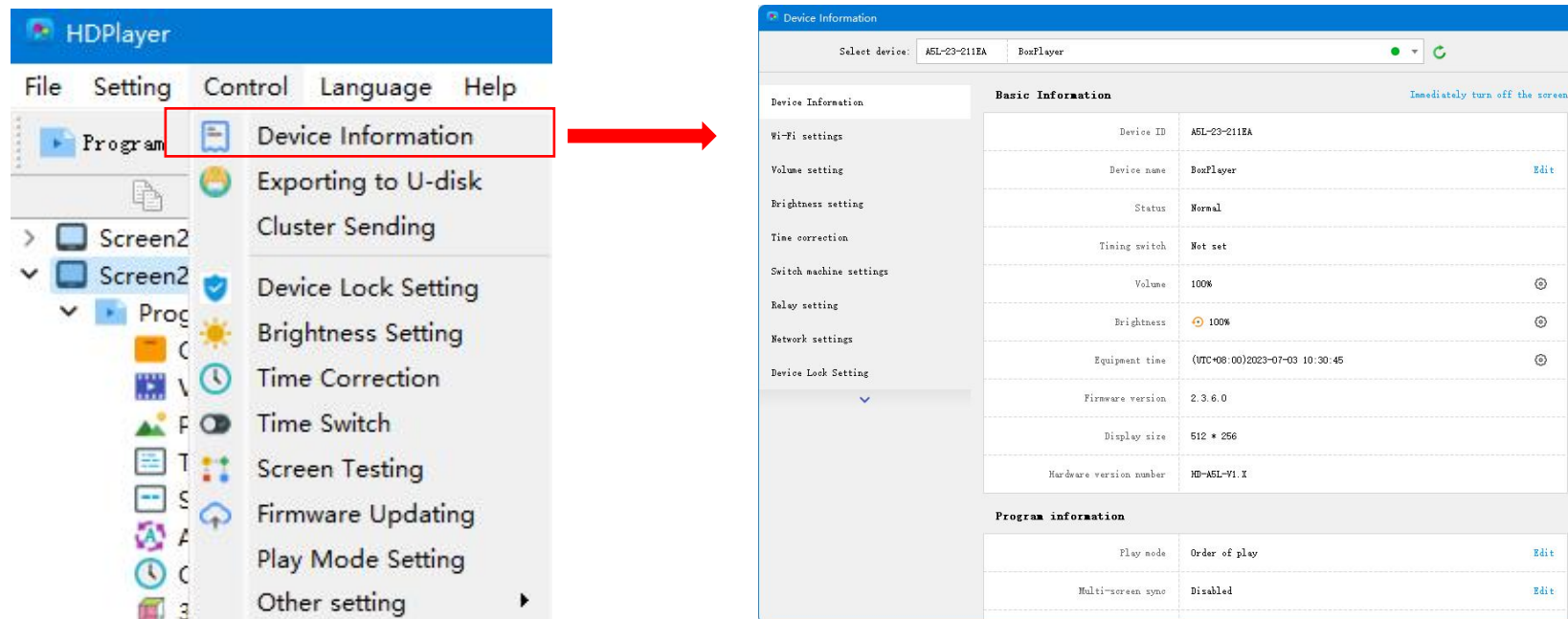
A5L is dual-mode display player. You can set play mode you want.



3.3 More setting

3.3.1 Device information

You can view the running status of the device in the device information.



Play mode: Support single program loop and order of play.

Multi-screen Sync: Default setting is disable.If you want multiple screens to play synchronously, please enable.

Program information

Play mode	Order of play	Edit
Multi-screen sync	Disabled	Edit
Total number of programs	1	
Currently play the show	1	
Capacity information	4.3 GB / 4.3 GB	



Order of play

Single program loop
Order of play

✓ ✕

Disabled

Disabled
Enabled

✓ ✕

View the 3/4G network and sensor status.

3.3.2 WiFi setting

Edit WiFi switch, mode, name and password, etc.

Station mode enable A5L connect to the wireless network.

Wifi settings

enable	☒
mode	AP
SSID	A4-22-A0779
Password	88888888
IP address	192 . 168 . 6 . 1
channel	automatic
Encryption	WPA-PSK

Ok Cancel



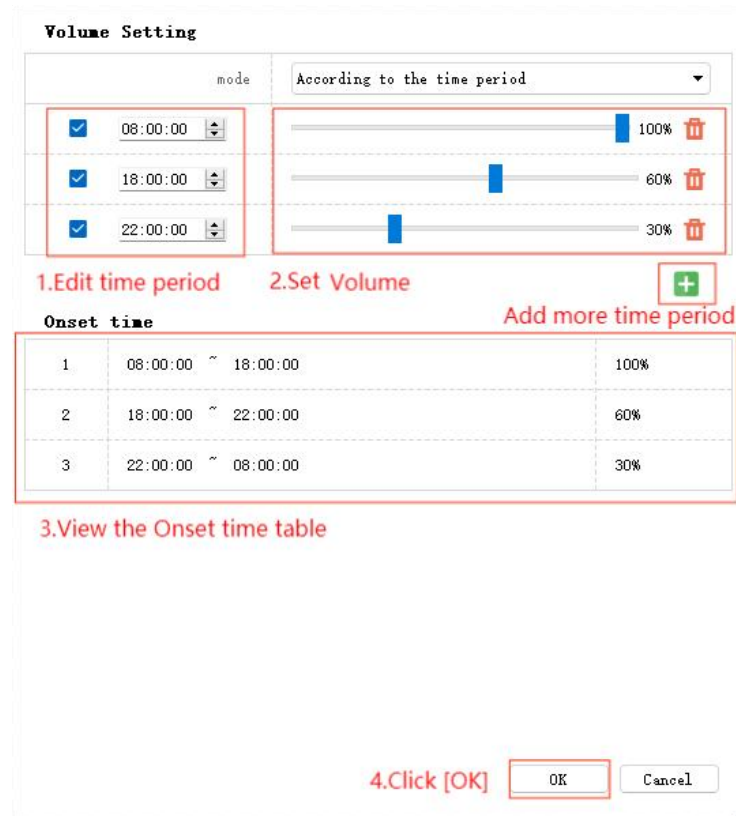
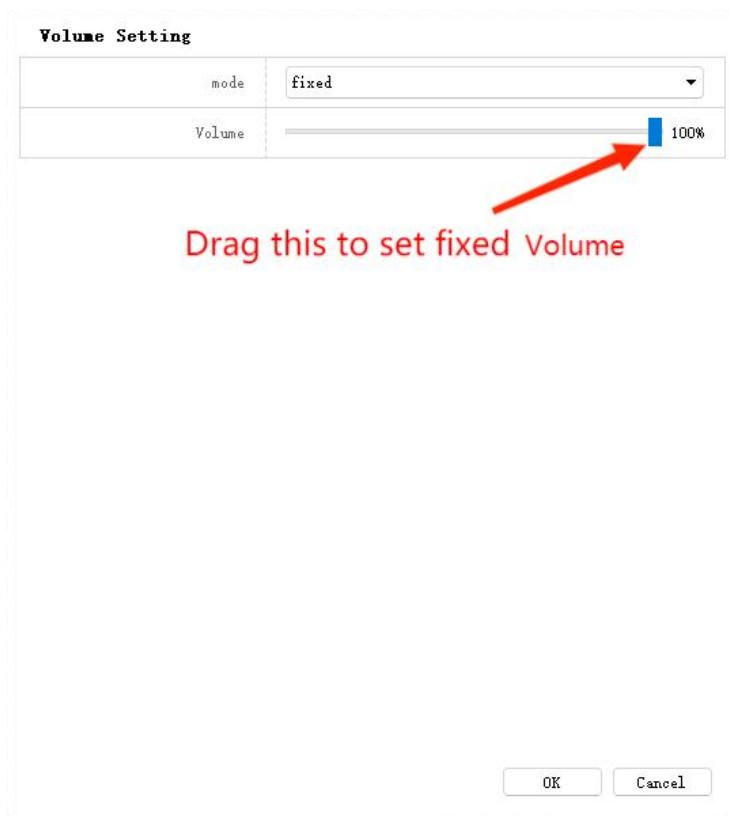
Wifi settings

enable	☒
mode	Station
wireless setting	1.Select the WiFi - HDKJ - iPhone - HD17 - HD17-5G
SSID	HDKJ
Password	2.Enter password ••••••••
connection	3.Click [OK] Ok Cancel

3.3.3 Volume setting

Fixed mode: set fixed volume

According to the time period:Set the time frame.



3.3.4 Brightness setting

Default mode: Set fixed brightness

Custom mode: Set the time frame for brightness

Automatic mode: A5L automatically change Brightness according to the sensor.

Sensitivity Indicates the frequency of detection.[High] means every 5 seconds;[in] mean 10;[low] mean 15.

You'd better set Brightness monitoring interval to 3400-7000.

Brightness setting

Select mode mode Default mode

Brightness 100%

Brightness monitoring interval 3400 18000

Drag this to set fixed brightness

Ok Cancel

Brightness setting

mode Custom mode

Brightness monitoring interval 3400 18000

1.Edit time period

2.Set brightness

3.View the onset time table

4.Click [OK]

Ok Cancel

Brightness setting

mode	Automatic mode
1. Select [high]	Sensitivity high
2. Set range you want	Brightness range 1% 100%
	Brightness monitoring interval 3400 6982

3. The best value is 3400-7000

4. Click [OK]

3.3.5 Time correction

Set the system time zone. A5L support summer time.

Automatic synchronization: NTP mean time correct by network. Set GPS if installed the GPS module. Set RF if installed the RF device.

time setting

System time zone	(UTC+08:00)Beijing, Chongqing, HongKong, Urunchi ▼
summer time	☐
Automatic synchronization	NTP ▼ ntp.huidu.cn
☐ Time correction	2022-12-12 14:14:40
Calibration mode	Synchronize the computer ▼
	2022/12/12 14:14:40 ▲ ▼ ⓘ

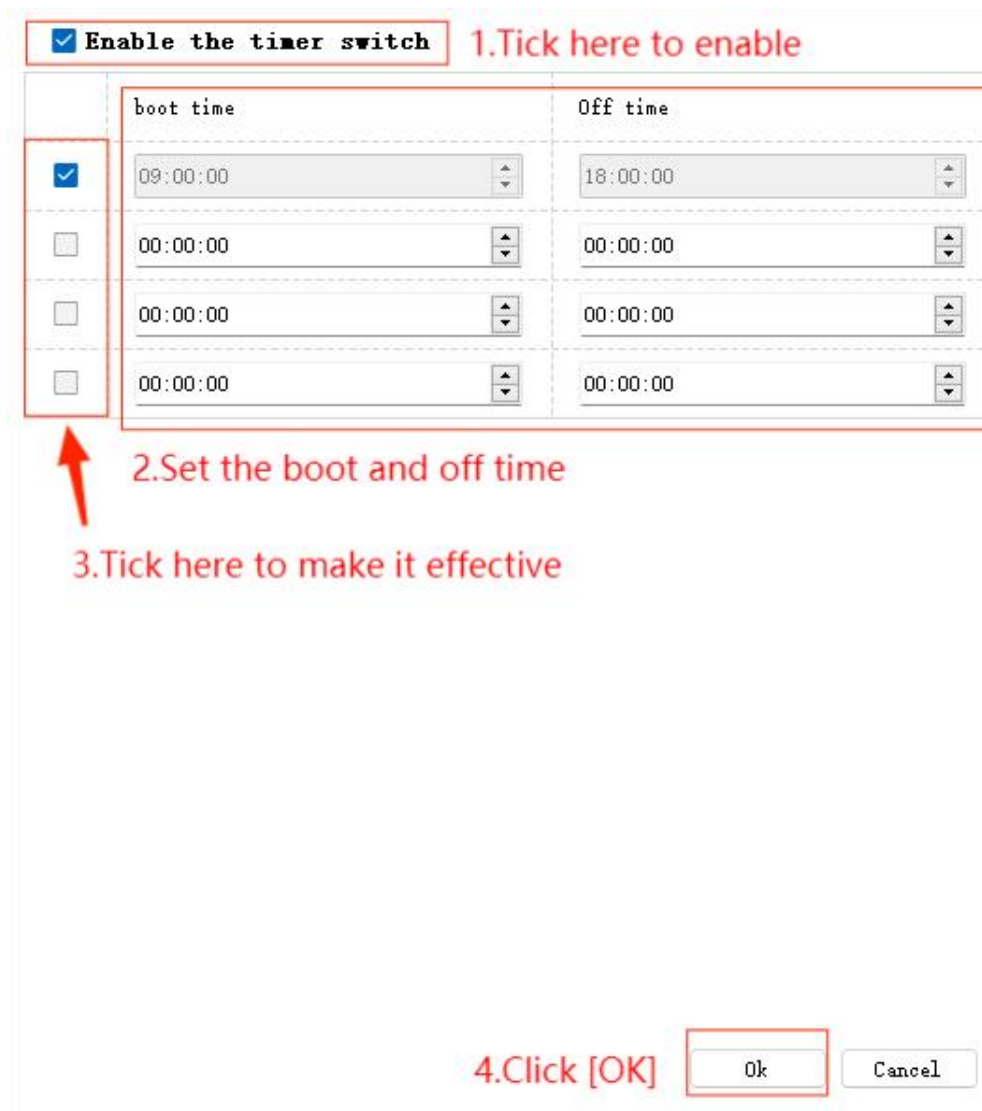


Automatic synchronization	NTP ▼ ntp.huidu.cn
☐ Time correction	2022-12-12 14:31:20
Calibration mode	ter ▼

Ok Cancel

3.3.6 Switch machines setting

Set on/off time for A5L.



The screenshot shows a dialog box titled "Enable the timer switch". It contains a table with two columns: "boot time" and "off time". The first row is selected, and its checkboxes are checked. The "boot time" is set to 09:00:00 and the "off time" is set to 18:00:00. The other three rows have their checkboxes unchecked and their times set to 00:00:00. At the bottom, there are "Ok" and "Cancel" buttons. Red annotations with arrows point to the "Enable the timer switch" checkbox, the first row of the table, and the "Ok" button.

	boot time	off time
☒	09:00:00	18:00:00
☐	00:00:00	00:00:00
☐	00:00:00	00:00:00
☐	00:00:00	00:00:00

4.Click [OK]

3.3.7 Relay setting

A5L supports relay installation.

		Relay name	Switch setting	
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Open Close OK Cancel

3.3.8 Network setting

Default is automatic acquisition. You can set fixed IP for A5L.

Network settings

Automatic acquisition	☒ Enabled	Untick to edit fixed IP
MAC	50 : 22 : d1 : a0 : 77 : 90	
IP address	192 . 168 . 110 . 21	
Subnet mask	255 . 255 . 255 . 0	
Default gateway	192 . 168 . 110 . 1	
DNS	255 . 255 . 255 . 255 ⓘ	

Ok Cancel



Network settings

Automatic acquisition	☐ Enabled	
MAC	50 : 22 : d1 : a0 : 77 : 90	
IP address	192 . 168 . 1 . 20	
Subnet mask	255 . 255 . 255 . 0	
Default gateway	192 . 168 . 1 . 1	
DNS	255 . 255 . 255 . 255 ⓘ	

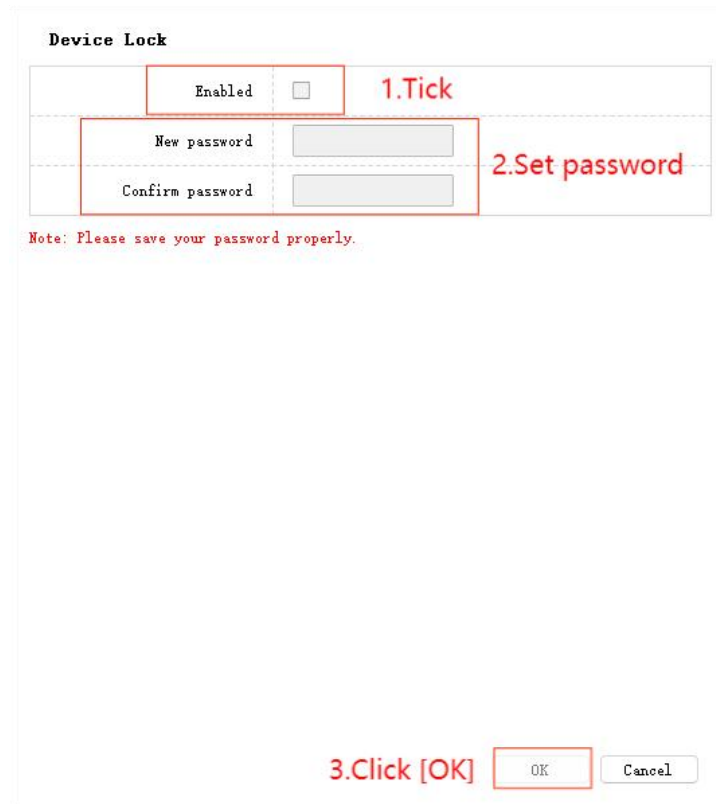
1.Edit the fixed IP you want

2.Click [OK]

Ok Cancel

3.3.9 Device lock setting

Set password to lock the device. After that People without passwords will not be able to make operational changes to the device.



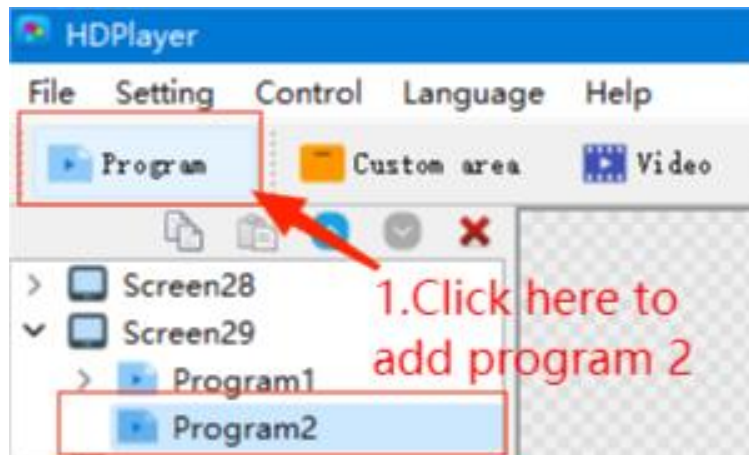
The image shows a 'Device Lock' dialog box with the following elements:

- Enabled:** A checkbox that is currently unchecked. A red box highlights it with the annotation '1.Tick'.
- New password:** A text input field. A red box highlights it with the annotation '2.Set password'.
- Confirm password:** A text input field. A red box highlights it with the annotation '2.Set password'.
- Note:** A red text label below the input fields that reads 'Note: Please save your password properly.'
- Buttons:** 'OK' and 'Cancel' buttons at the bottom right. A red box highlights the 'OK' button with the annotation '3.Click [OK]'.

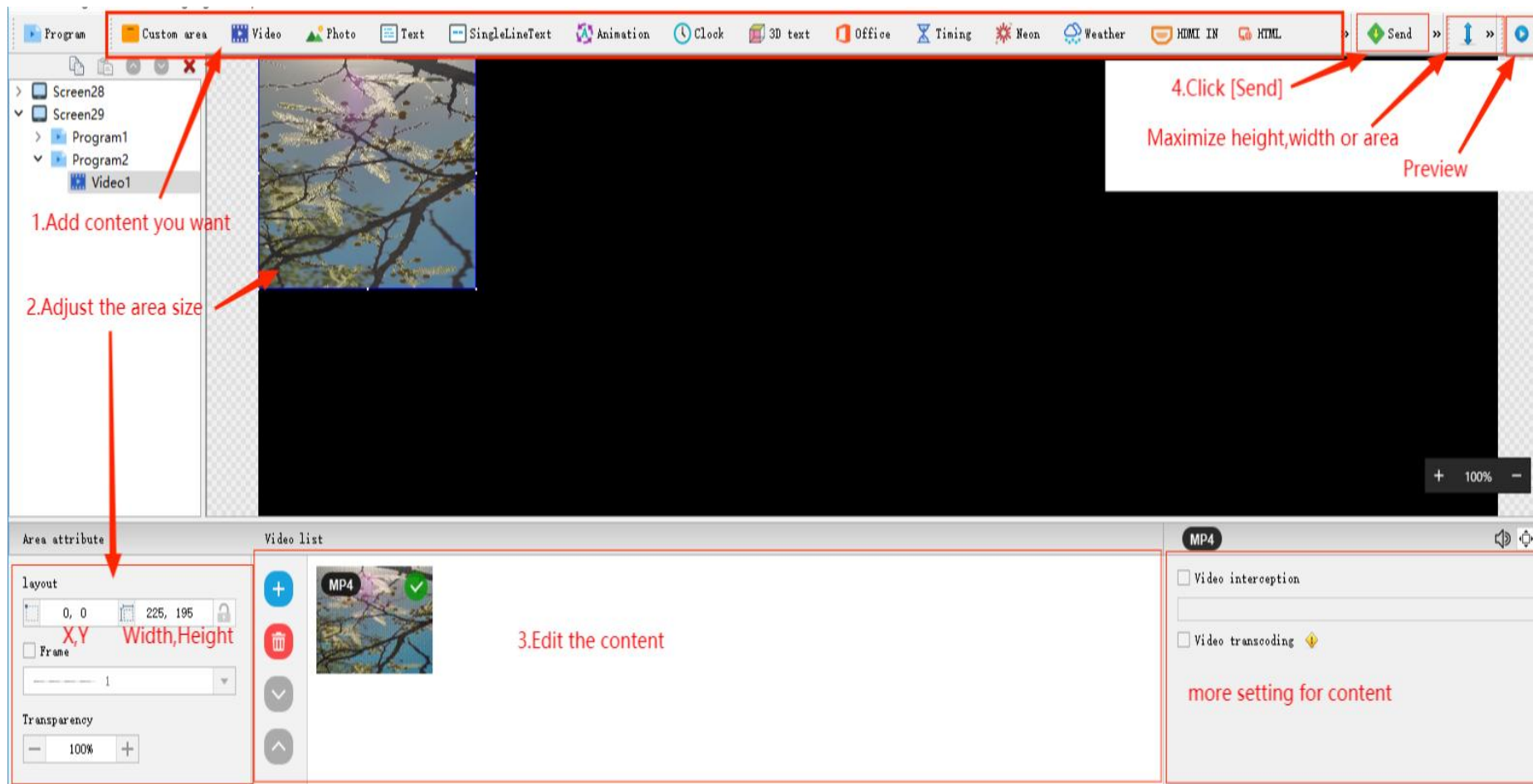
Chaper 4 Async Program Editing and Publishing

4.1 Publish programs by HDPlayer

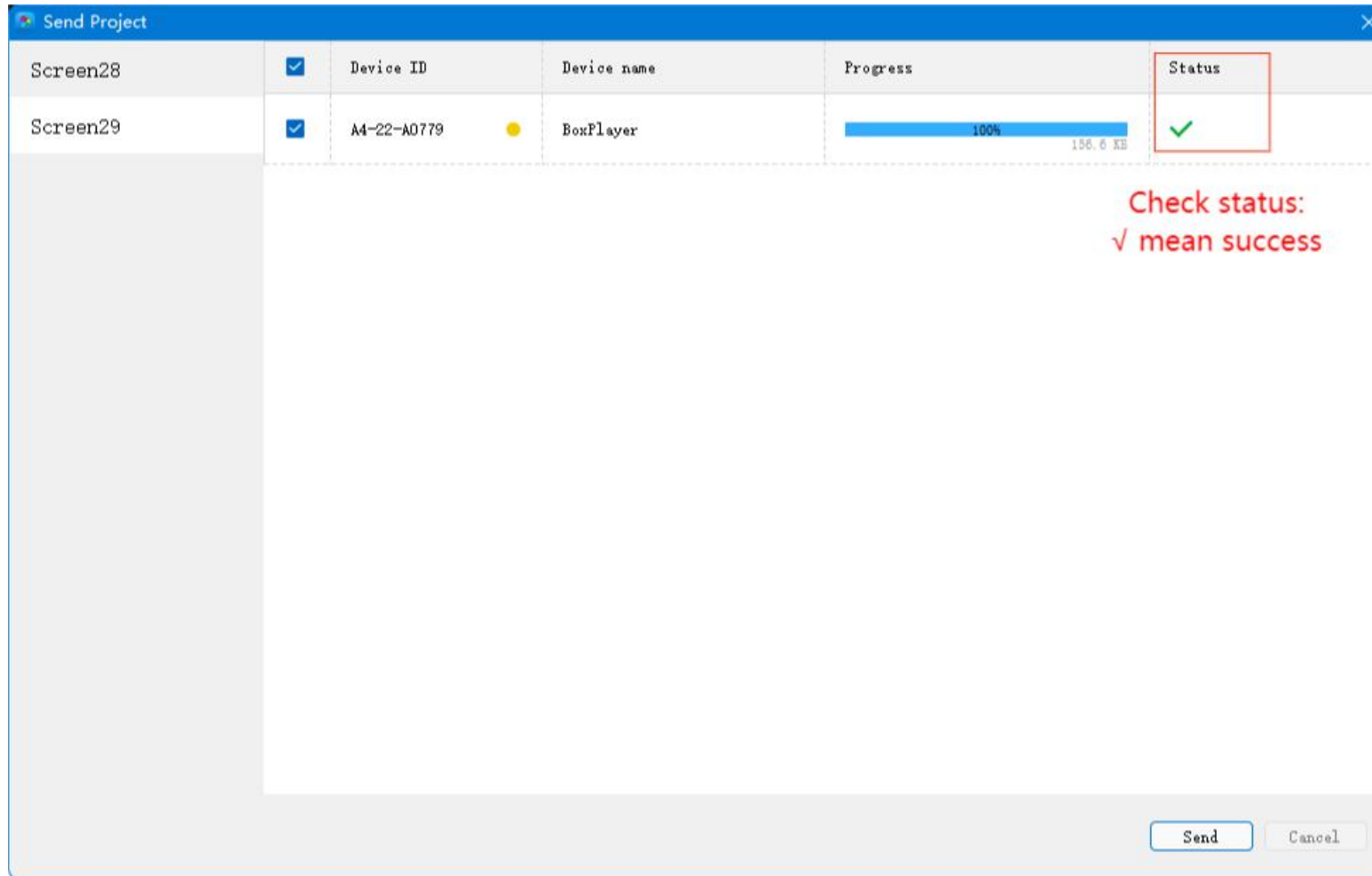
1. Create new program



2.Add content into Program



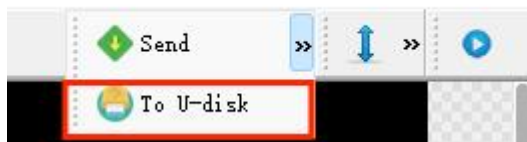
3. Sending interface



4.2 Publish programs by U-disk(FAT or FAT 32)



1. Export the program to the U-disk in HDPlayer



2. Publish the video and picture in the U-disk

Put the video and picture in the root catalog of U-disk

