

# User Manual



## HD-A6L

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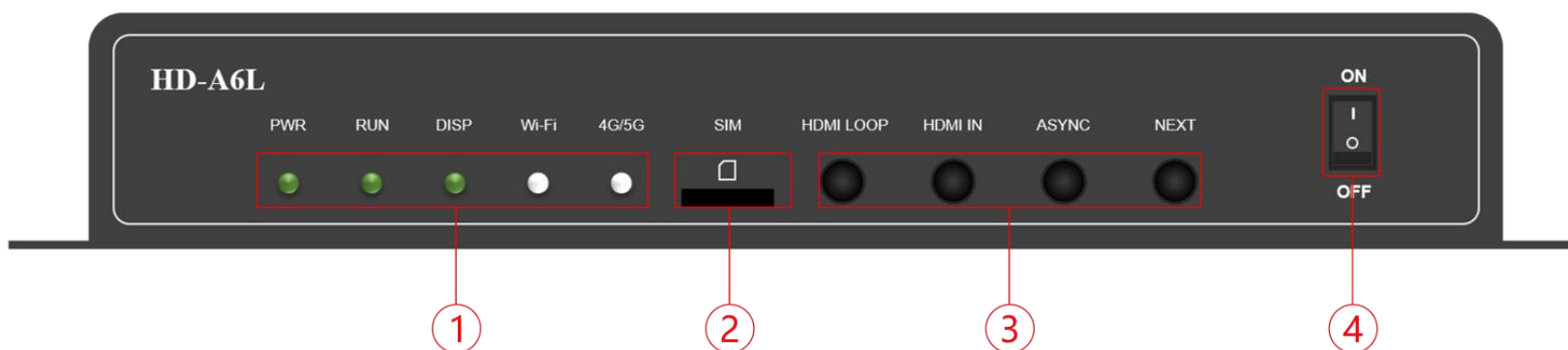
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## Chapter 1 Interface connection

### 1.1 HD-A6L Appearance and interface

Front panel:

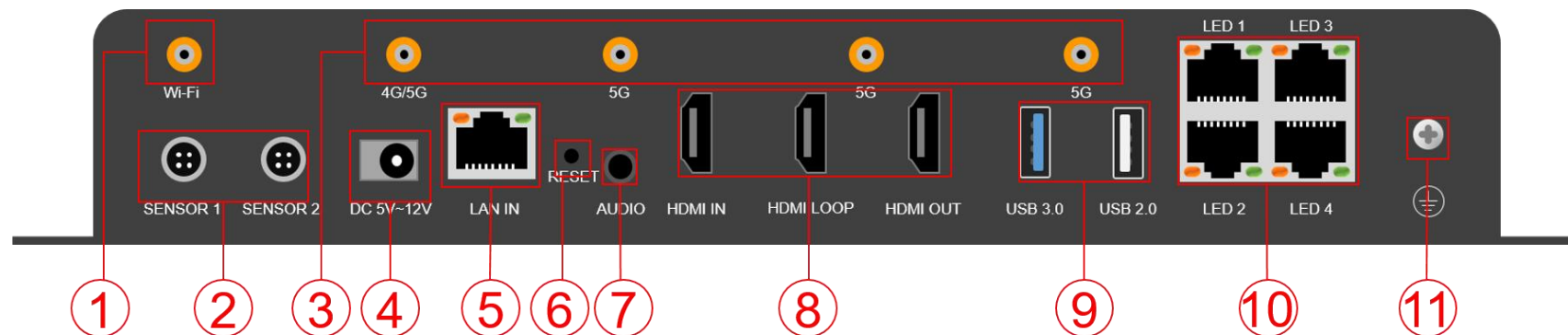


| Serial number | Name          | Description                                                                                                                                                                                                                                                                      |
|---------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1             | Working light | <b>PWR:</b> Power indicator light, the green light is always on, and the power input is normal<br><b>RUN:</b> 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 |

|   |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   |                 | <p><b>DISP</b>: 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</p> <p><b>Wi-Fi</b>: 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</p> <p><b>4G/5G</b>: 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</p> |
| 2 | SIM card slot   | Nano SIM card slot, providing 4G/5G networking for remote control (optional 4G/5G module)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 3 | Function button | <p><b>HDMI LOOP</b>: HDMI stitching mode</p> <p><b>HDMI IN</b>: HDMI signal input, synchronous playback</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

|   |        |                                                                                 |
|---|--------|---------------------------------------------------------------------------------|
|   |        | <b>ASYNC</b> : Asynchronous mode switching<br><b>NEXT</b> : Switch program play |
| 4 | Switch | Control the power of the player box, ON means power on and OFF means power off  |

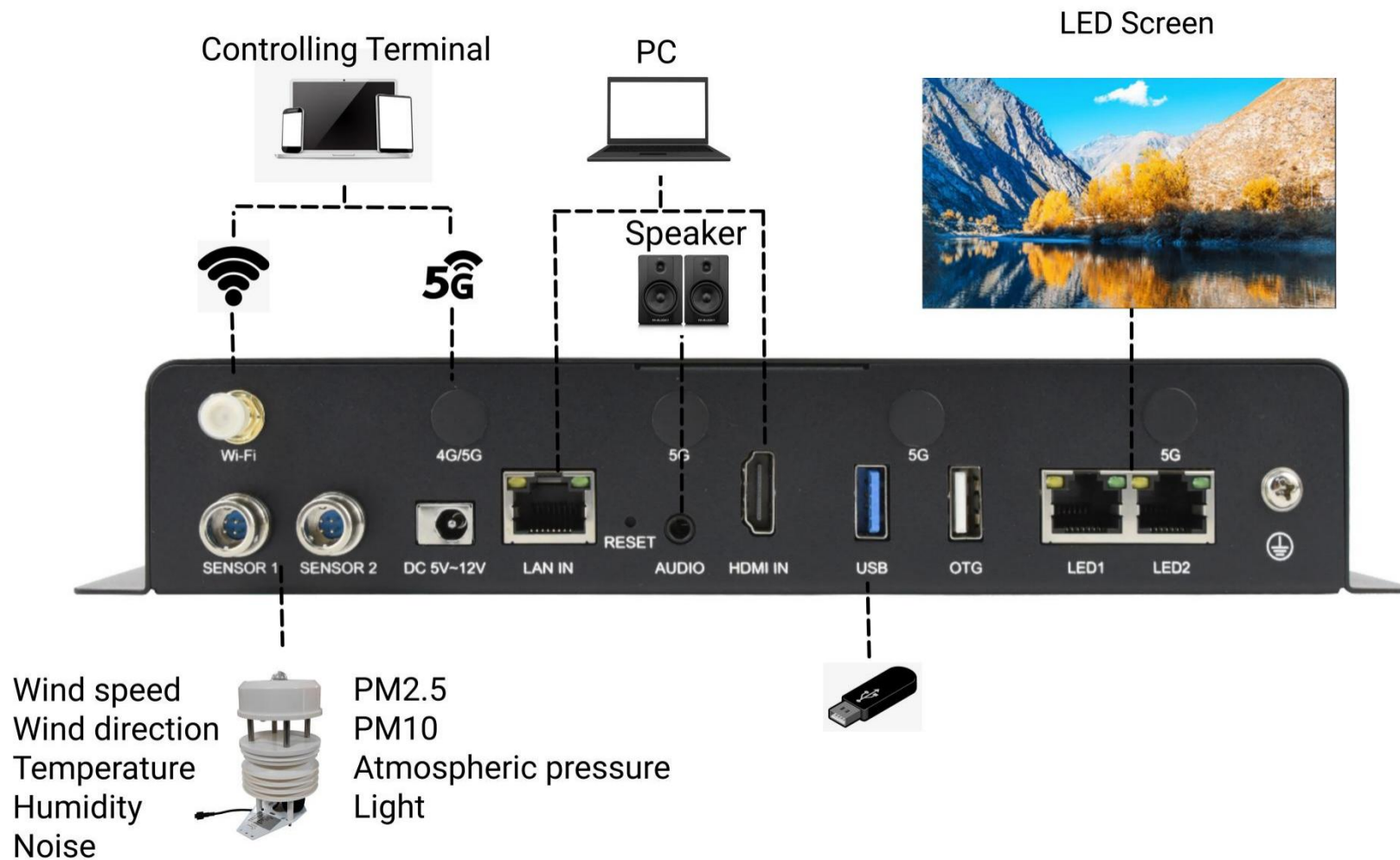
## Rear panel:



| 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 <sub>2</sub> 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                | <b>HDMI IN:</b> HDMI1.4 synchronous signal input interface, support adaptive scaling<br><b>HDMI LOOP:</b> HDMI1.4 synchronous signal input or splicing input interface<br><b>HDMI OUT:</b> HDMI1.4 output interface |
| 9  | USB                 | <b>USB:</b> USB3.0 for updating programs, inserting programs or expanding capacity<br><b>OTG:</b> Used for debugging or upgrading firmware (default U disk 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                                                                                                                                                                                         |

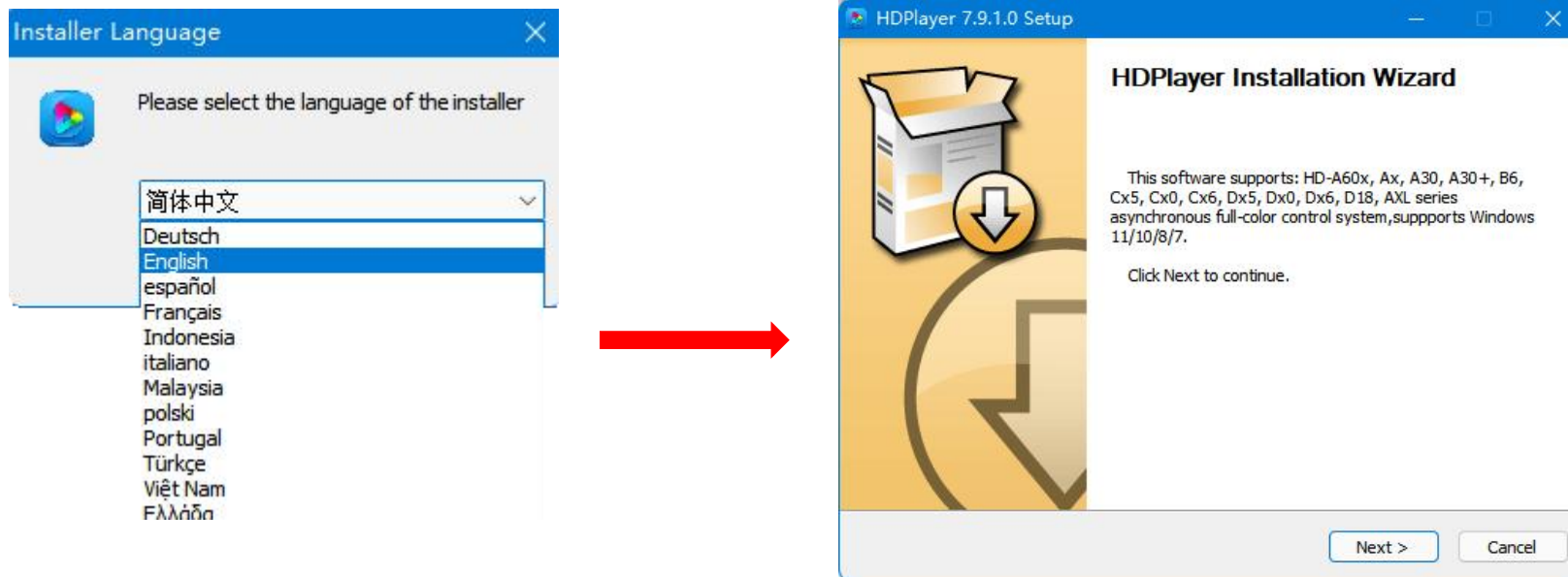
## 1.2 Hardware connection



## Chapter 2 HDPlayer installation

Please download the installation package of HDPlayer software from Huidu's official website [www.huidu.cn](http://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.

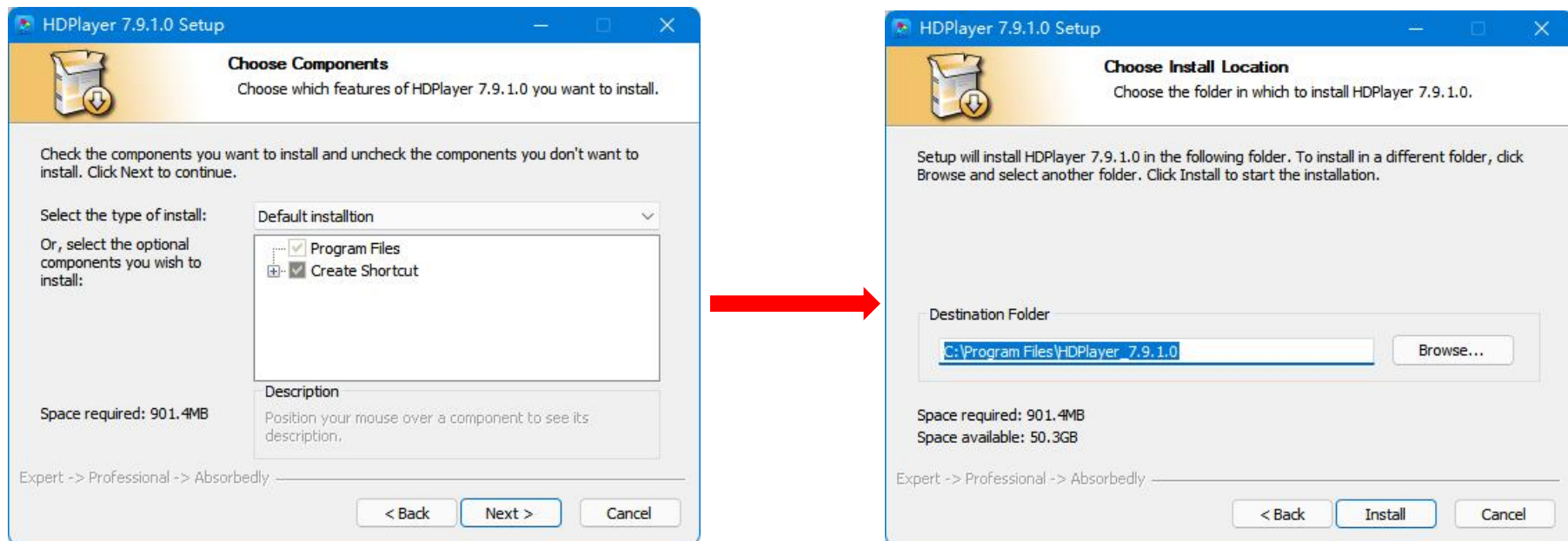


2. After selecting a language, an installation wizard like below will appear. Click [Next].

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-A6L Parameter settings

### 3.1 Connection

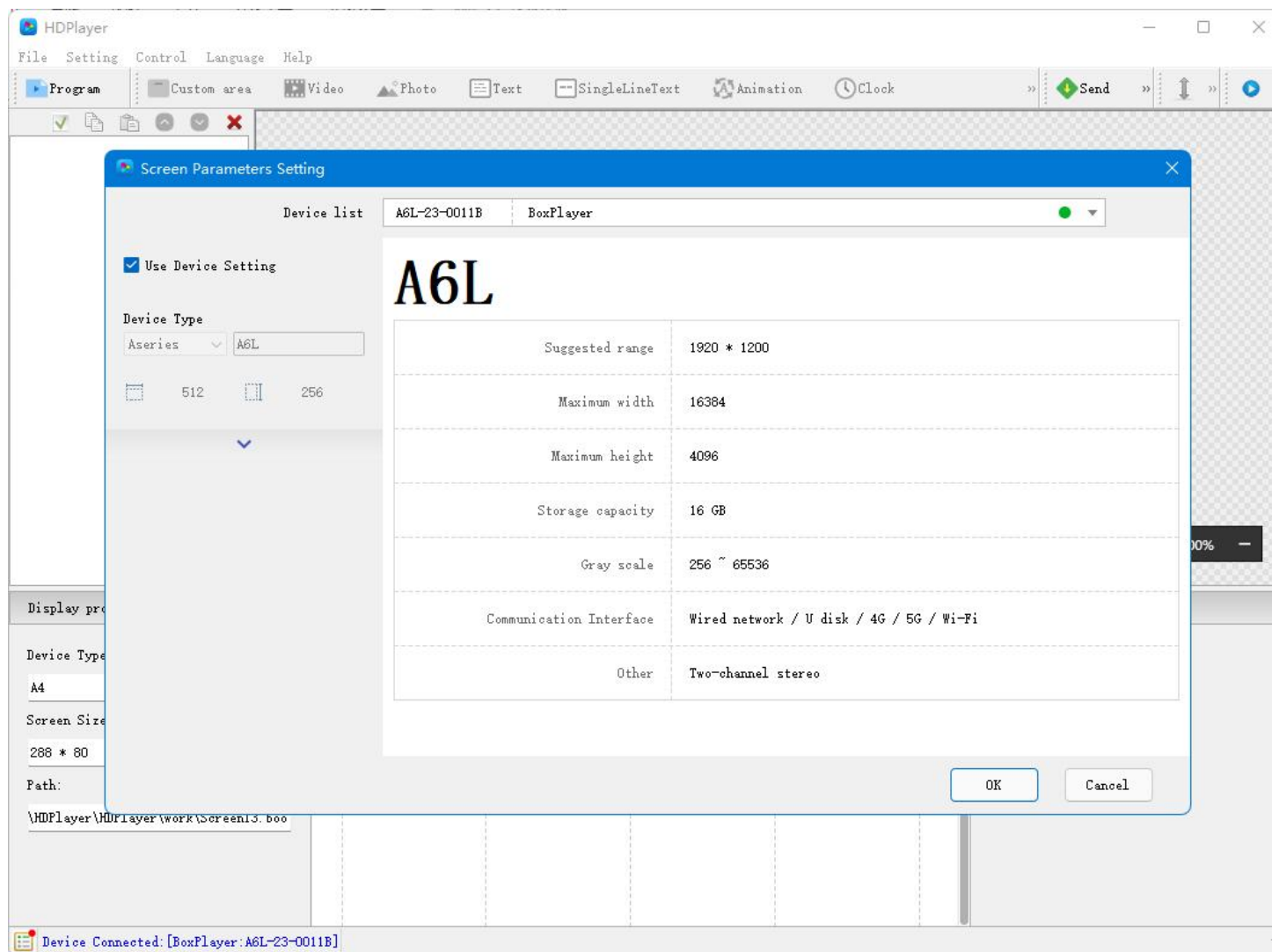
Connect the A6L to the computer by CAT5/6 cable or WiFi(Default password:88888888).



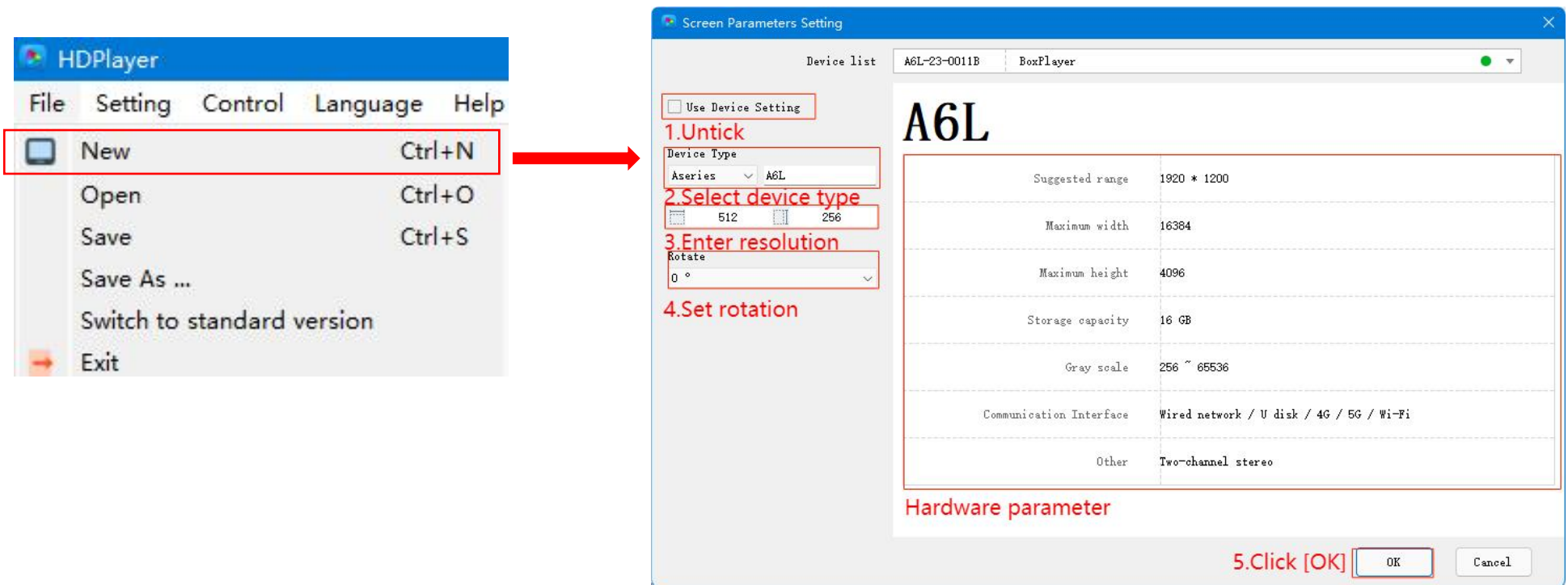
### 3.2 Basic Setting

#### 3.2.1 Create new screen for A6L

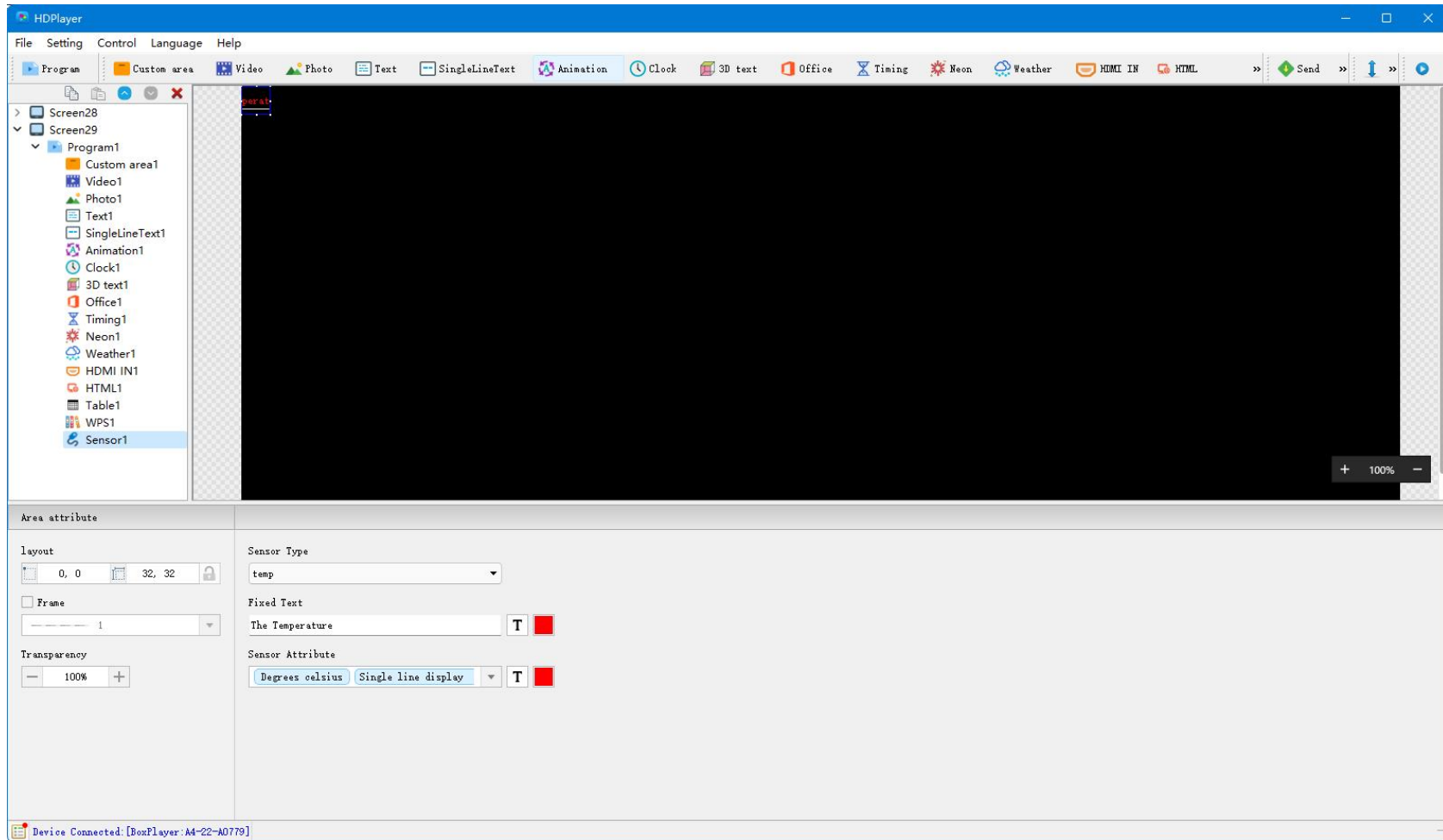
1.Run the HDPlayer software then it shows the A6L connected.



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

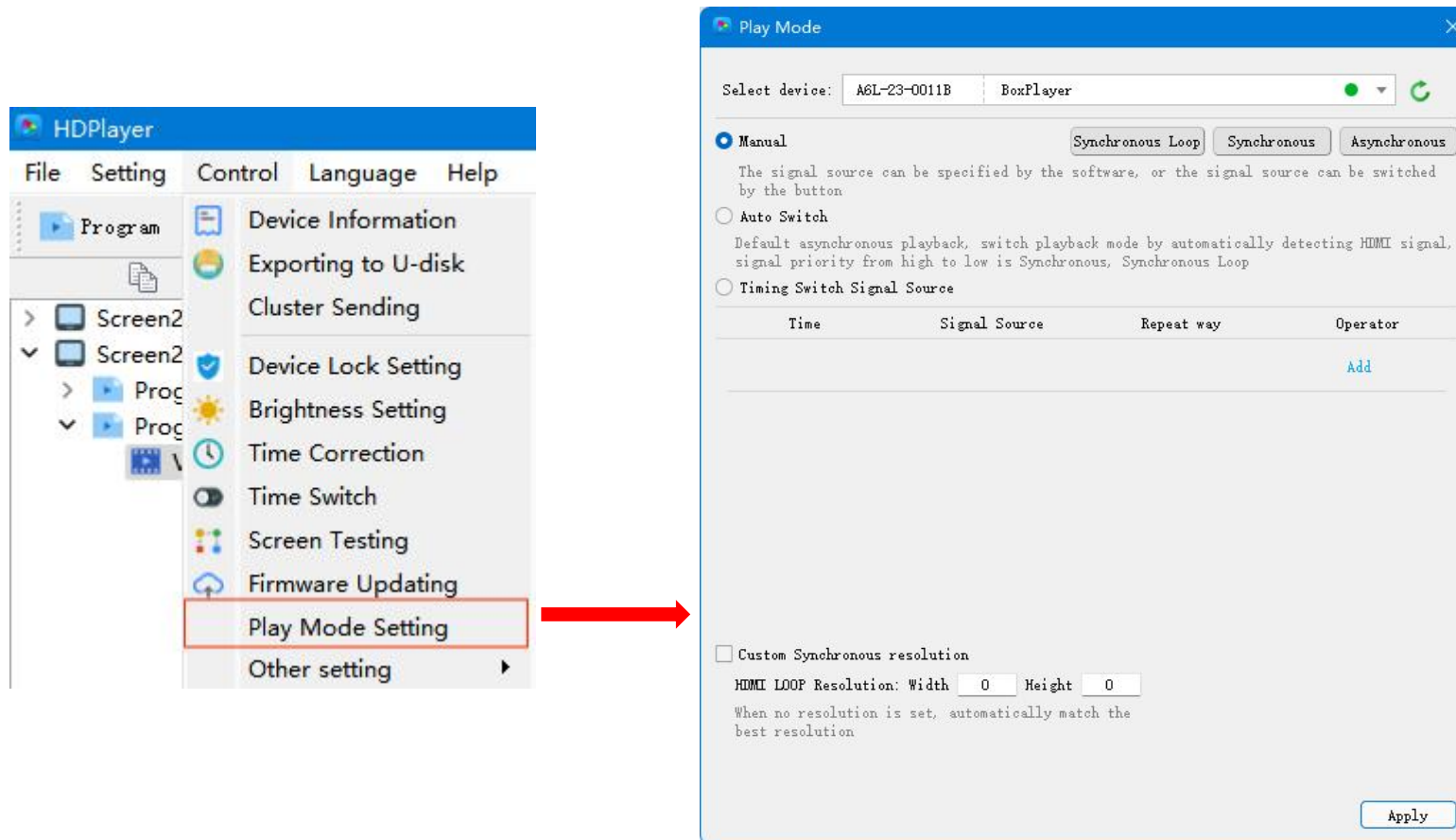


3. After the previous steps, you can begin to edit the program.



### 3.2.2 Play mode setting

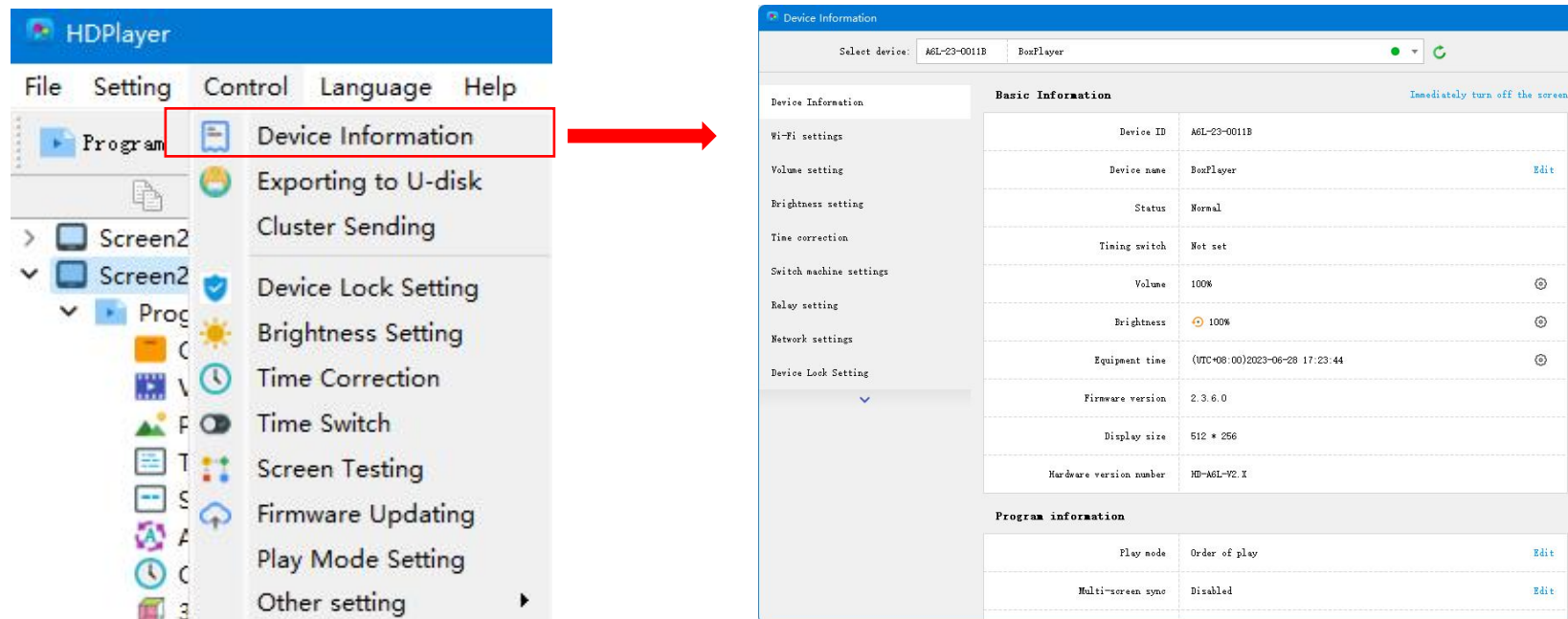
A6L is dual-mode display player. You can set play mode you want.



## 3.3 More setting

### 3.3.1 Device information

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

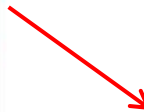


**Play mode:** Support single program loop and order of play.

**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     | <div><div></div></div> 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 A6L connect to the wireless network.

**Wifi settings**

|            |                                     |
|------------|-------------------------------------|
| enable     | <input checked="" type="checkbox"/> |
| mode       | AP                                  |
| SSID       | A4-22-A0779                         |
| Password   | 88888888                            |
| IP address | 192 . 168 . 6 . 1                   |
| channel    | automatic                           |
| Encryption | WPA-PSK                             |

Ok Cancel



**Wifi settings**

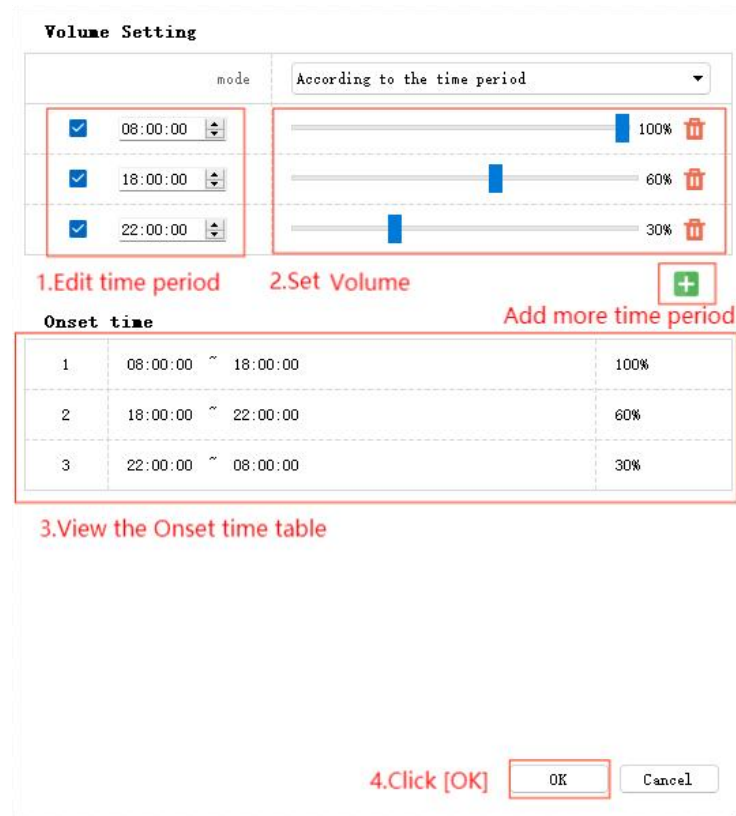
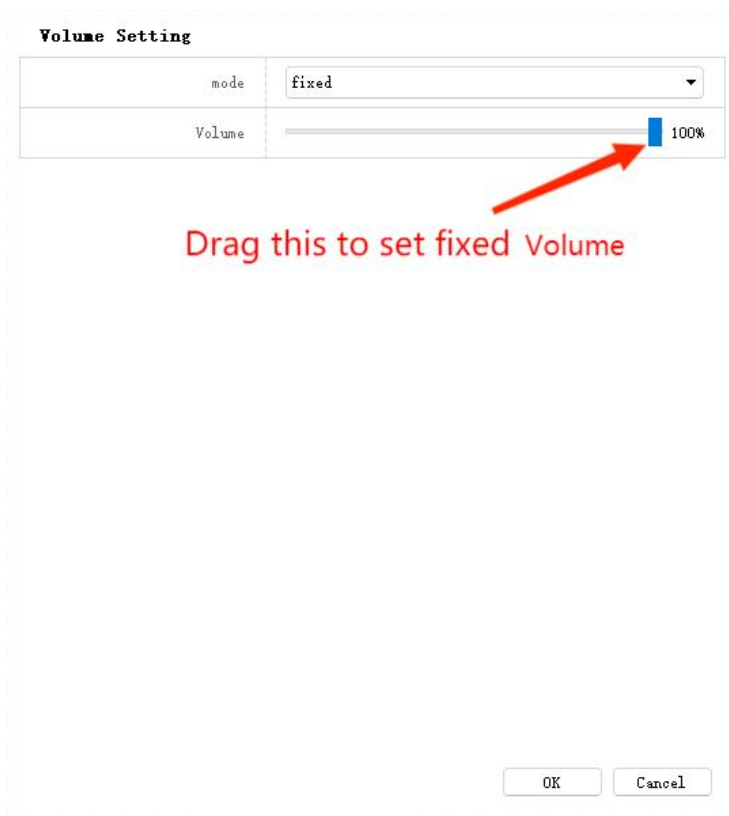
|                  |                                                                                                                                     |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| enable           | <input checked="" type="checkbox"/>                                                                                                 |
| mode             | Station                                                                                                                             |
| wireless setting | <div>1. Select the WiFi</div> <ul style="list-style-type: none"> <li>HDKJ</li> <li>iPhone</li> <li>HD17</li> <li>HD17-5G</li> </ul> |
| SSID             | HDKJ                                                                                                                                |
| Password         | <div>2. Enter password</div> <div>••••••••</div>                                                                                    |
| connection       | 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:** A6L 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.** A6L 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                              | <input type="checkbox"/>                           |
| Automatic synchronization                | NTP ▼ ntp.huidu.cn                                 |
| <input type="checkbox"/> Time correction | 2022-12-12 14:14:40                                |
| Calibration mode                         | Synchronize the computer ▼                         |
|                                          | 2022/12/12 14:14:40 ▲ ▼ ⓘ                          |



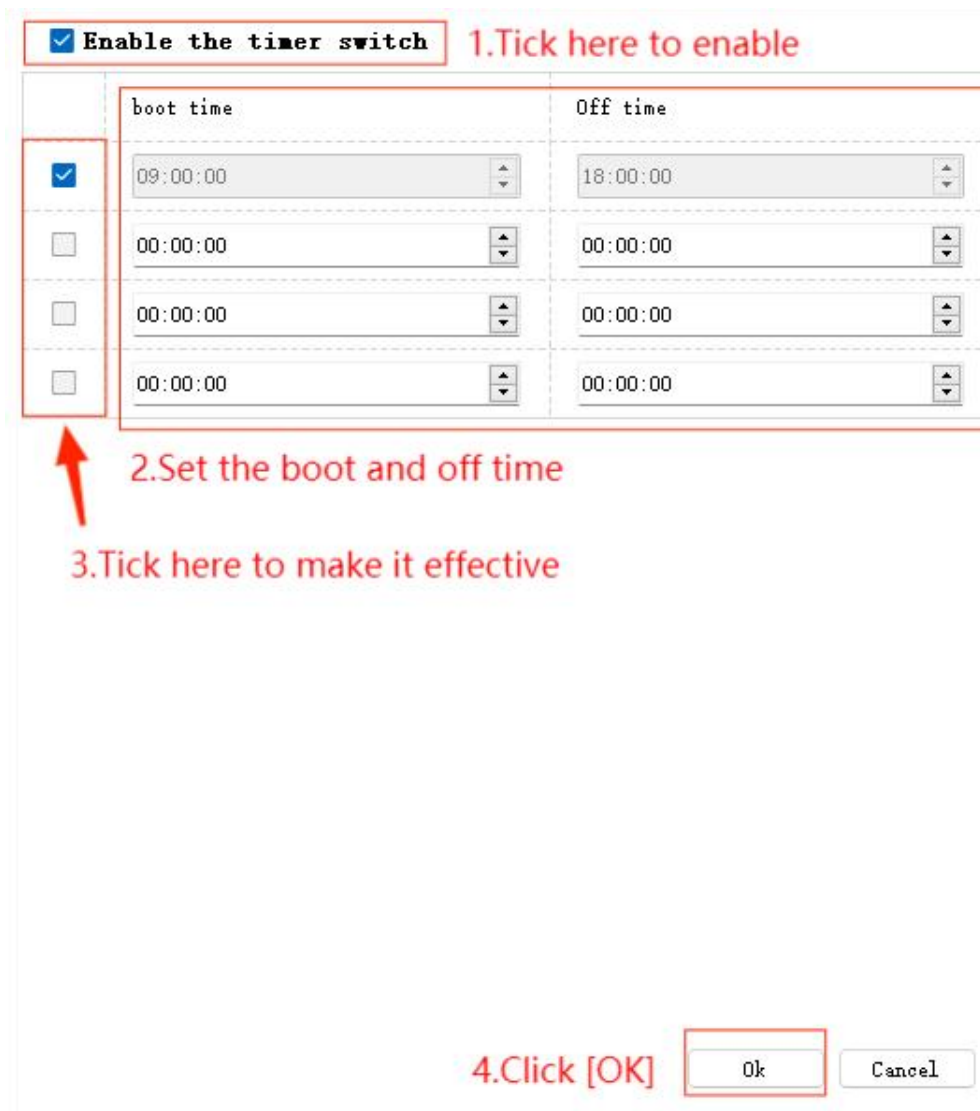
|                                          |                     |
|------------------------------------------|---------------------|
| Automatic synchronization                | NTP ▼ ntp.huidu.cn  |
| <input type="checkbox"/> Time correction | 2022-12-12 14:31:20 |
| Calibration mode                         | ter ▼               |

- Disabled
- NTP
- GPS (RS232)
- GPS (USB)
- GPS (PCIE)
- RF
- Auto.

Ok Cancel

### 3.3.6 Switch machines setting

Set on/off time for A6L.



☒ Enable the timer switch 1.Tick here to enable

|                                     | boot time | Off time |
|-------------------------------------|-----------|----------|
| <input checked="" type="checkbox"/> | 09:00:00  | 18:00:00 |
| <input type="checkbox"/>            | 00:00:00  | 00:00:00 |
| <input type="checkbox"/>            | 00:00:00  | 00:00:00 |
| <input type="checkbox"/>            | 00:00:00  | 00:00:00 |

2.Set the boot and off time

3.Tick here to make it effective

4.Click [OK]

Ok Cancel

### 3.3.7 Relay setting

A6L supports relay installation.

|  |  | Relay name | Switch setting |  |
|--|--|------------|----------------|--|
|--|--|------------|----------------|--|

Open Close OK Cancel

### 3.3.8 Network setting

Default is automatic acquisition. You can set fixed IP for A6L.

**Network settings**

|                       |                                             |                         |
|-----------------------|---------------------------------------------|-------------------------|
| Automatic acquisition | <input checked="" type="checkbox"/> 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 | <input type="checkbox"/> 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 ⓘ          |  |

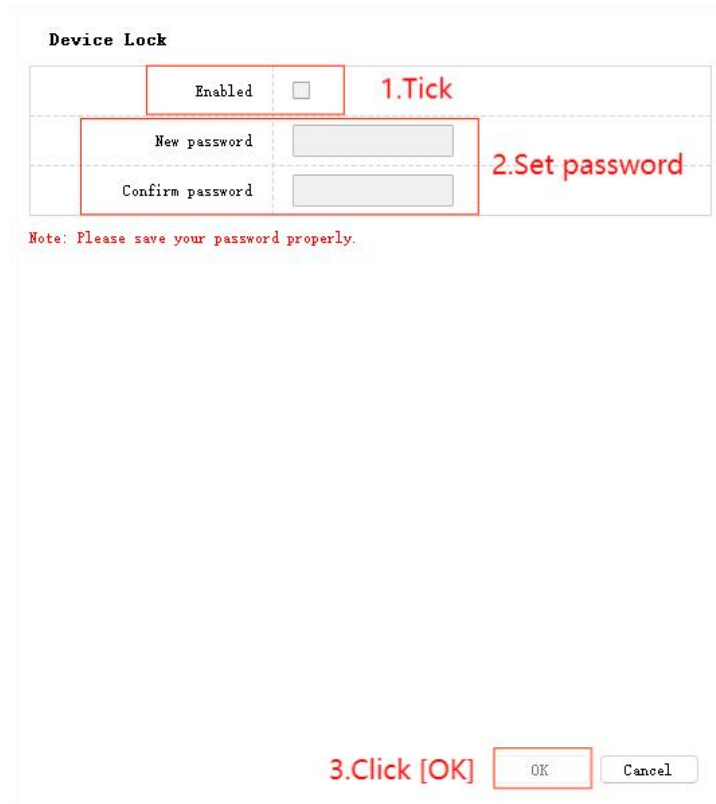
1.Edit the fixed IP you want

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]'.

### 3.3.10 Wireless Display (Optional)

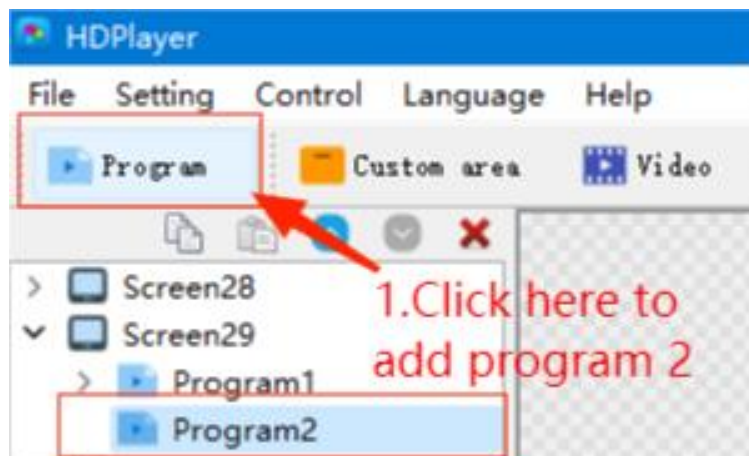
A6L support DLAN, Miracast and AirPlay projection mode.

|                                                    |                          |
|----------------------------------------------------|--------------------------|
| DLAN (Video player software projection screen)     | <input type="checkbox"/> |
| Miracast (Android, Windows 10/11 screen mirroring) | <input type="checkbox"/> |
| AirPlay (iPhone, iPad screen projection)           | <input type="checkbox"/> |

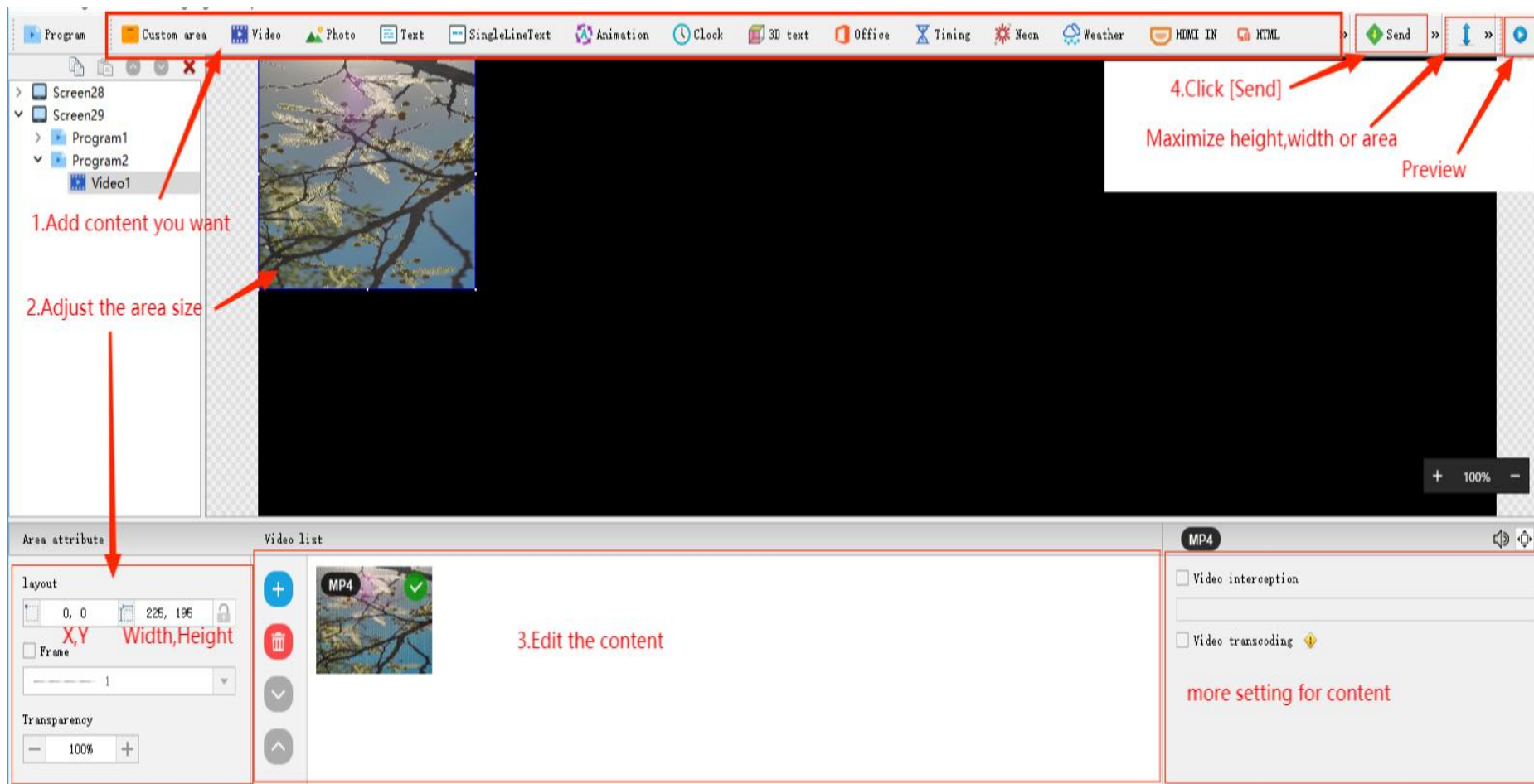
## Chaper 4 Async Program Editing and Publishing

### 4.1 Publish programs by HDPlayer

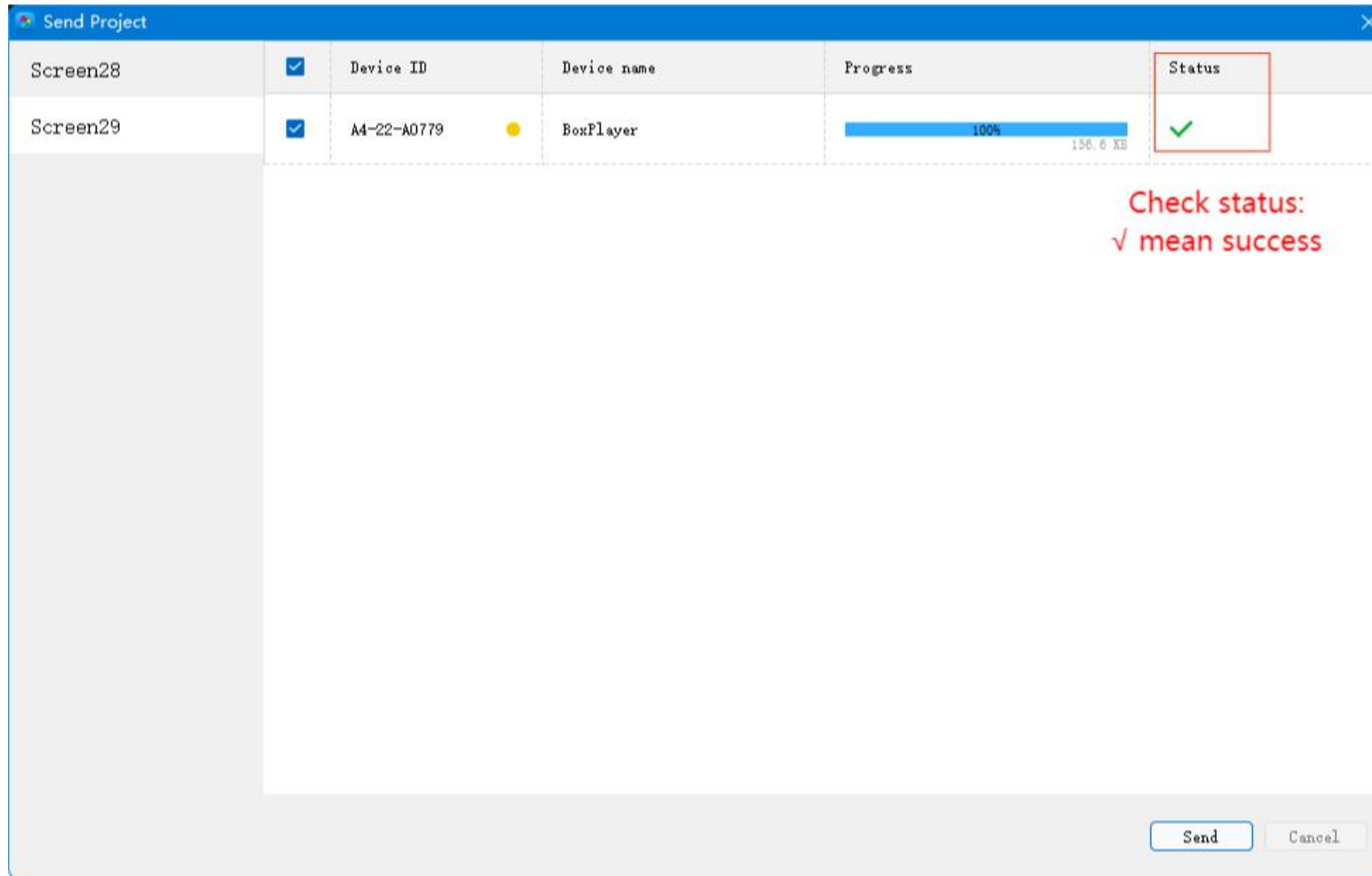
#### 1. Create new program



## 2.Add content into Program



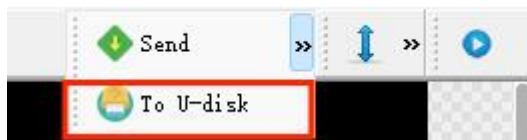
### 3. Sending interface



## 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

