

User Manual



HD-A3L

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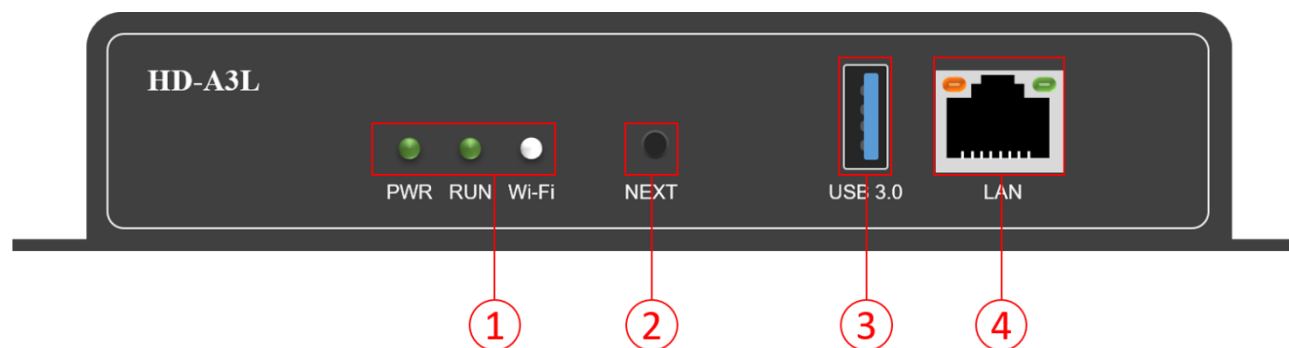
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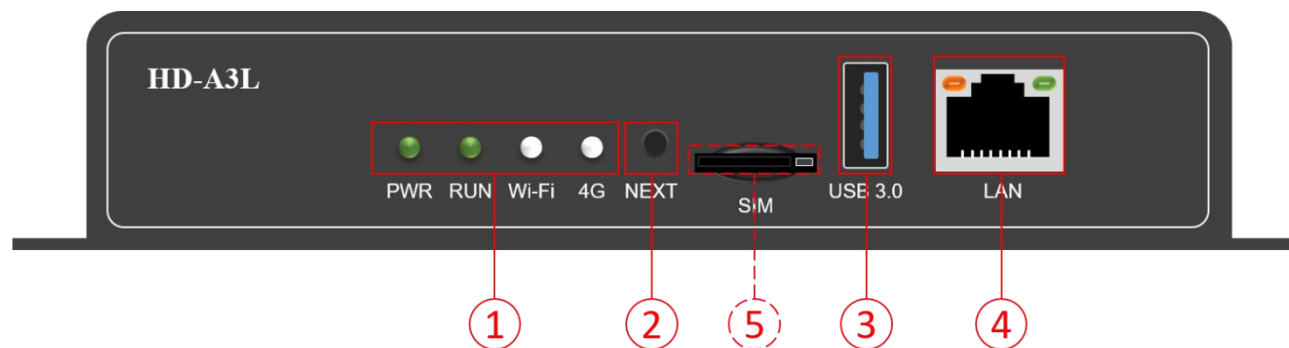
Chapter 1 Interface connection

1.1 HD-A4L Appearance and interface

Standard Version Front Panel:



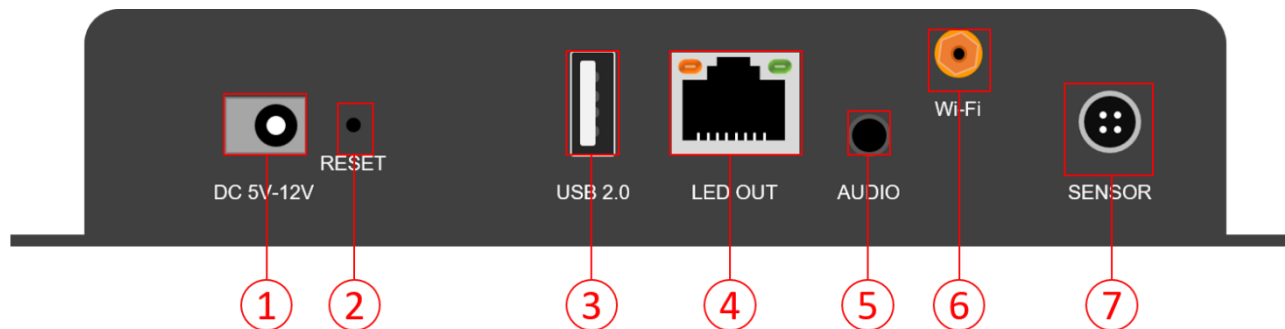
4G Version Front Panel:



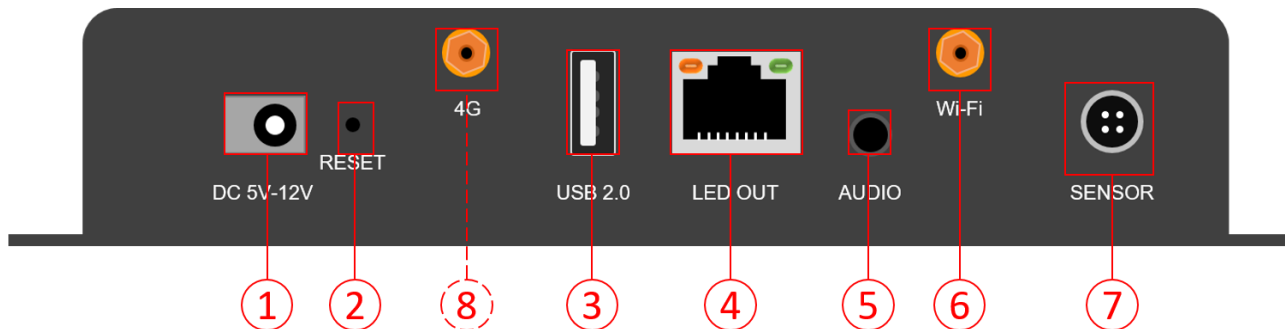
Serial number	Name	Description
1	Working light	PWR: Power indicator light, the green light is always on, and the power input is normal RUN: System running light, the green light is flashing, the operating system is running normally; the green light is always on or off, the system is running abnormally 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: 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(Only 4G version has 4G indicator light).
2	Function button	Switch program play, support change to TEST mode
3	USB	USB3.0 for updating programs, inserting programs or expanding capacity
4	Input network port	100Mbps network port input, connect to computer to debug and release programs, can be used to access LAN or Internet
5	SIM card slot	Nano SIM card slot, providing 4G/5G networking for remote control (optional 4G module)

Standard Version Rear Panel:



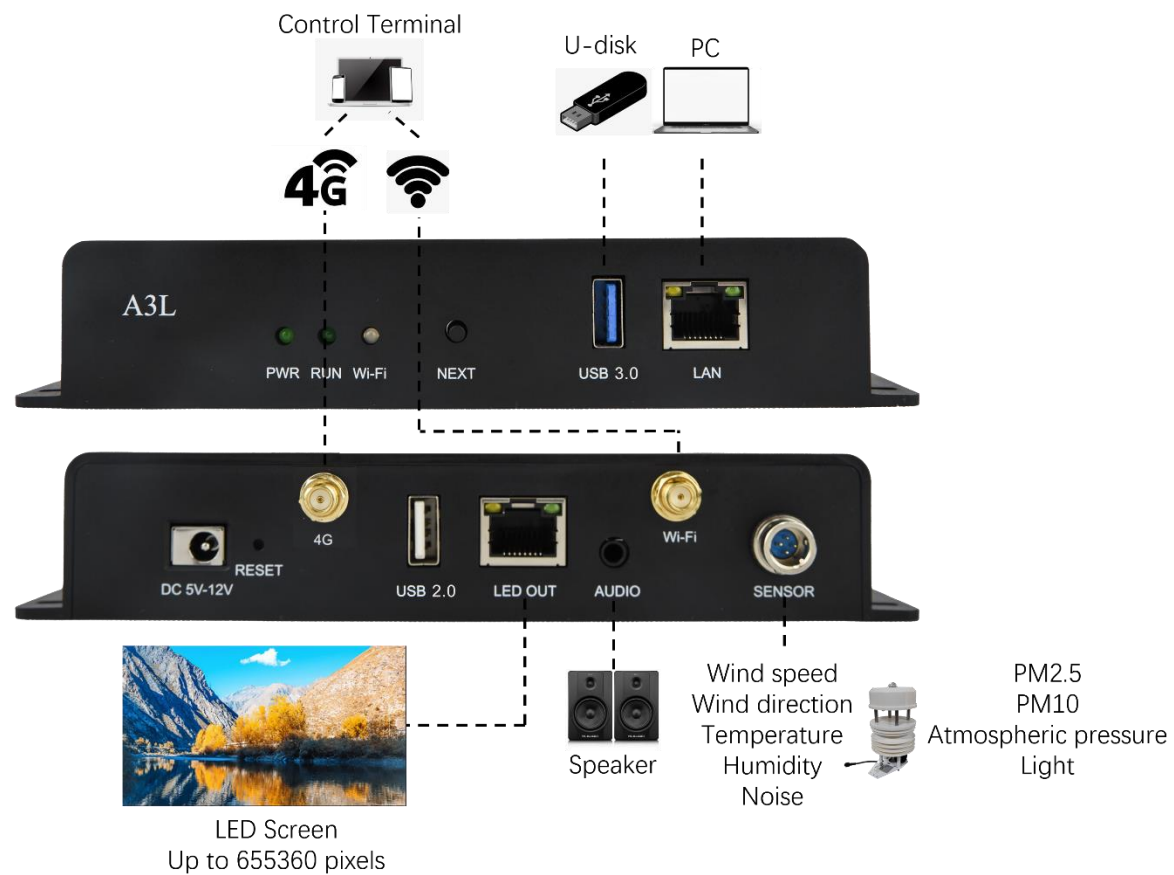
4G Version Rear Panel:



Serial	Name	Description
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number		
1	Power supply	5V 3A ,12V 1.5A
2	Reset	Reset pinhole
3	USB 2.0	Used for updating programs, inserting programs or expanding capacity(support change to OTG function)
4	Output network port	Gigabit output network port, cascaded with HD-R series receiving card
5	Audio output	TRS 3.5mm standard two-channel audio output port
6	Wi-Fi antenna	Connect Wi-Fi antenna to enhance wireless signal
7	Sensor	External temperature, humidity, brightness, wind speed, wind direction, noise, PM2.5, PM10, CO ₂ and other sensors
8	4G antenna	Connect 4G antenna (Only 4G version has)

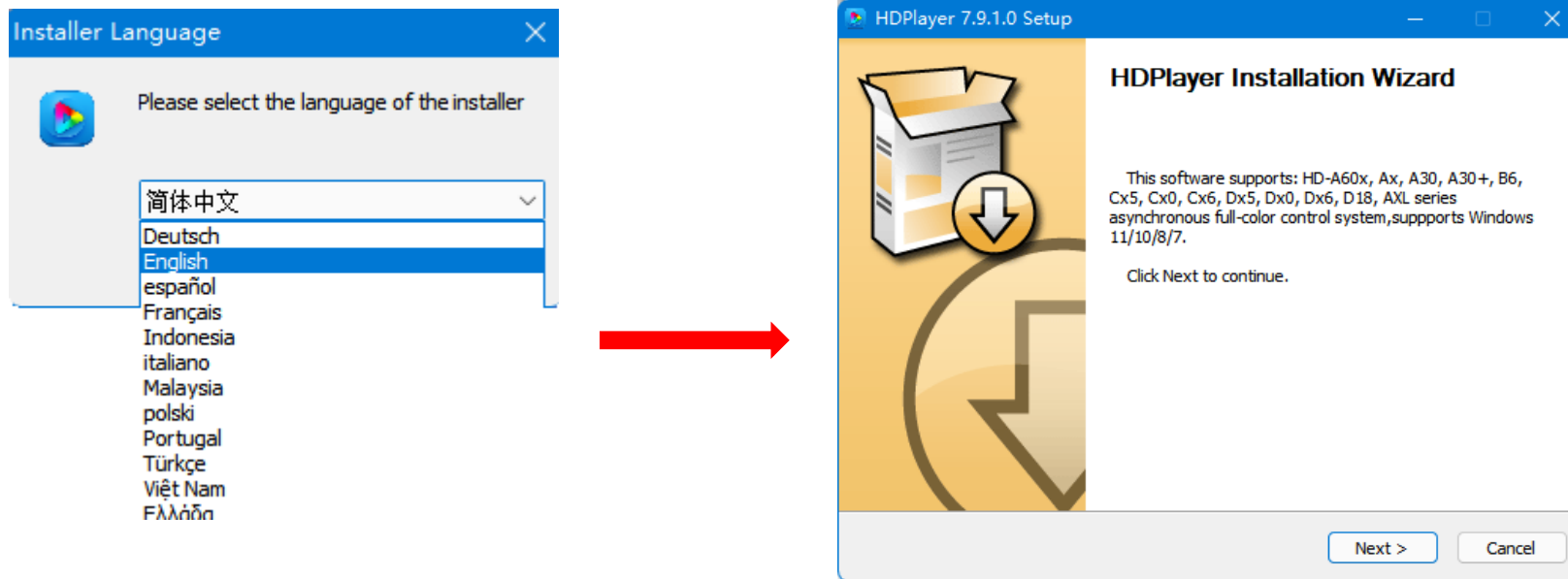
1.2 Hardware connection



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.

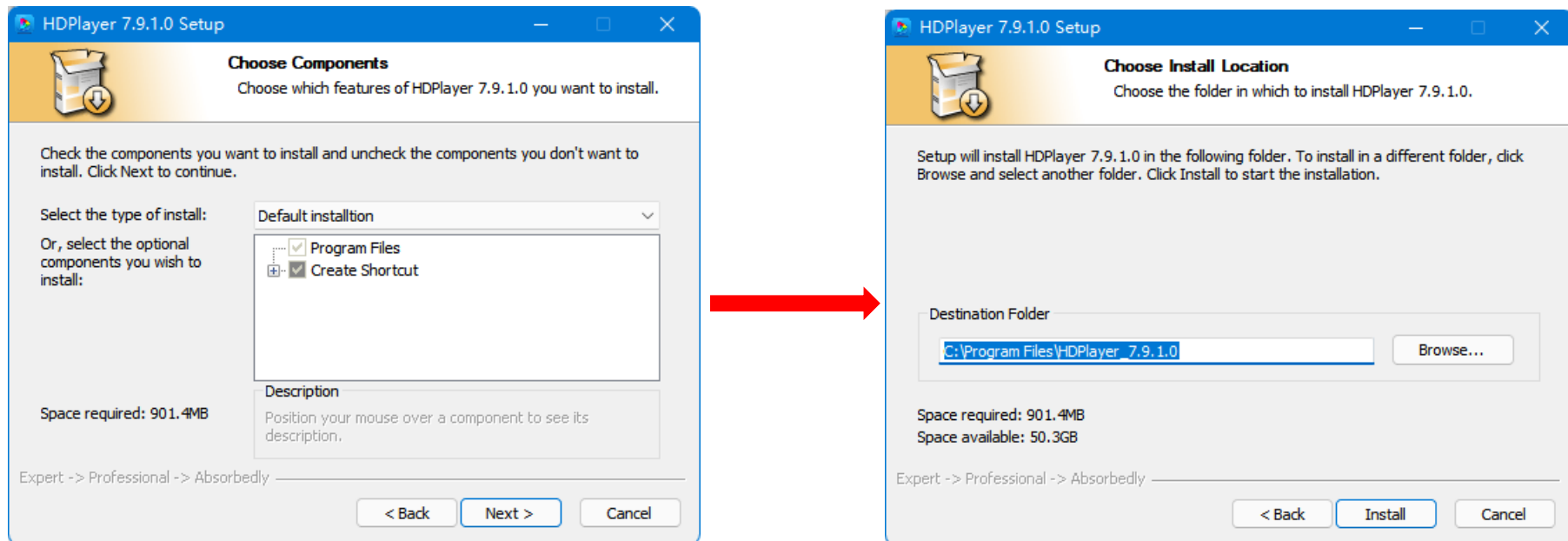


2. After selecting a language, an installation wizard like below will appear. Click [Next].

Choose components, default installation.

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

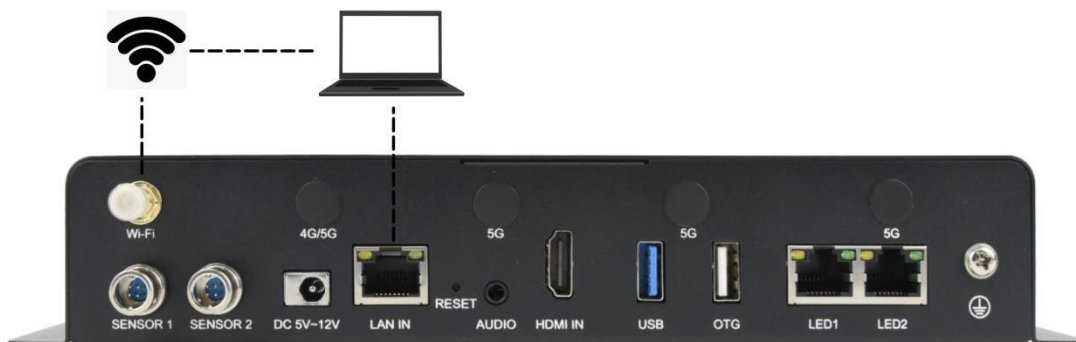
After the installation is complete, you are ready to use HDPlayer.



Chapter 3 HD-A3L Parameter settings

3.1 Connection

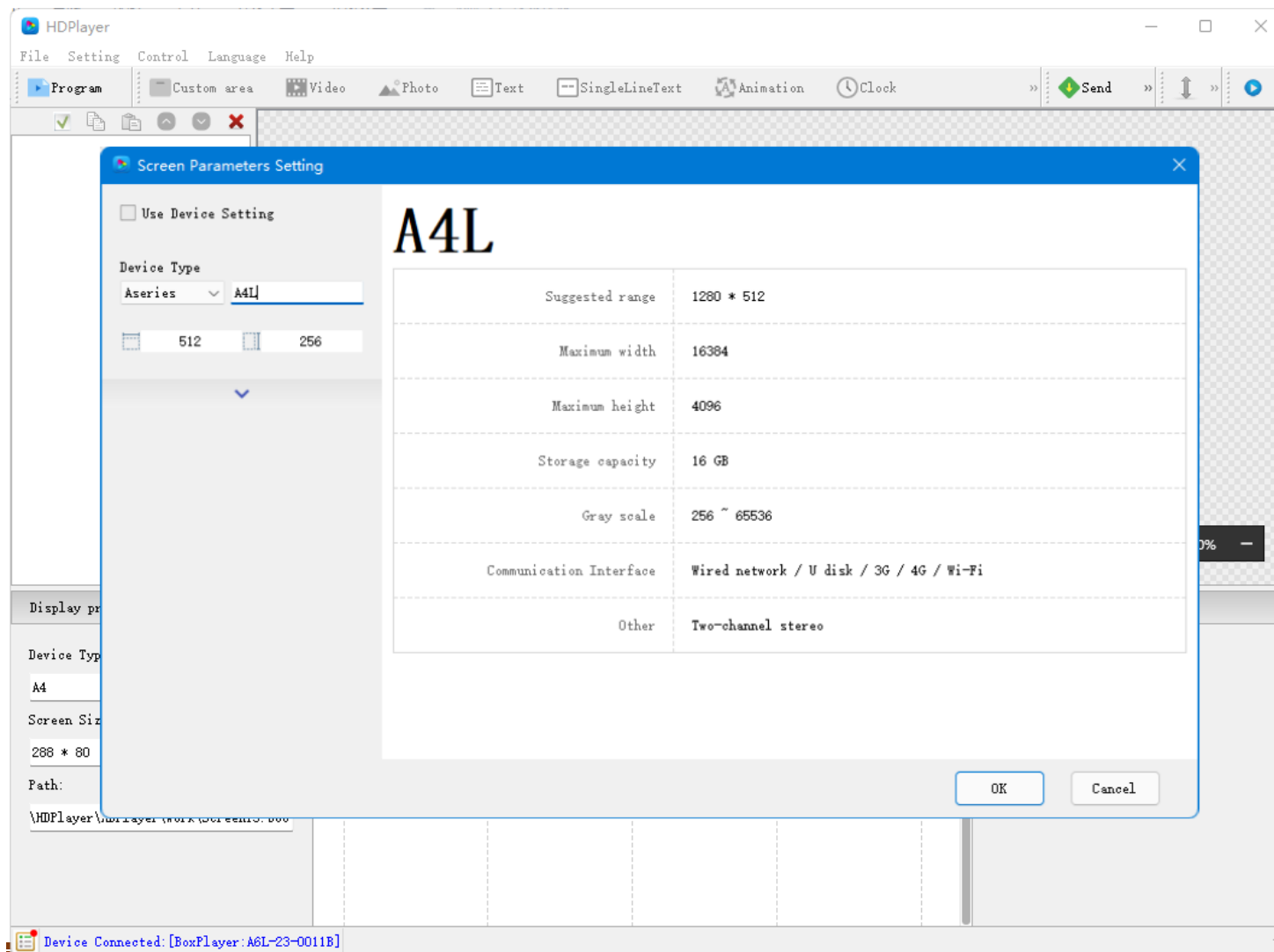
Connect the A3L to the computer by CAT5/6 cable or WiFi(Default password:88888888).



3.2 Basic Setting

3.2.1 Create new screen for A3L

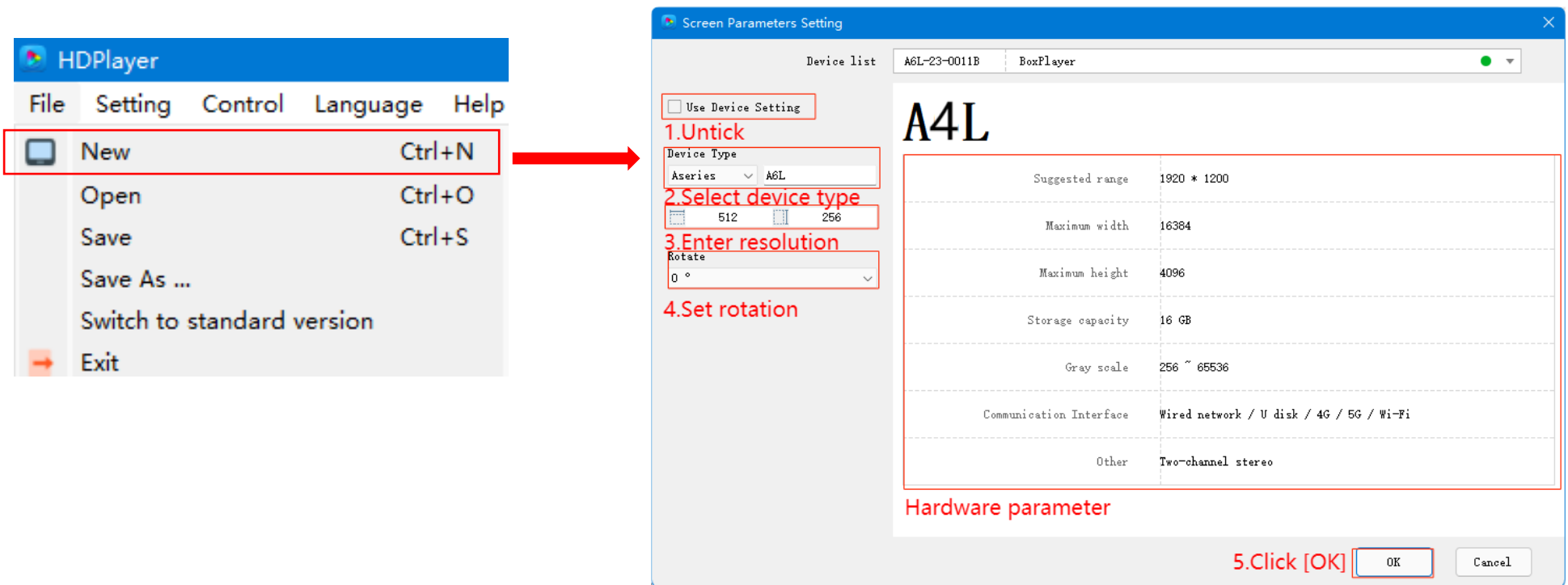
1.Run the HDPlayer software then it shows the A3L connected.



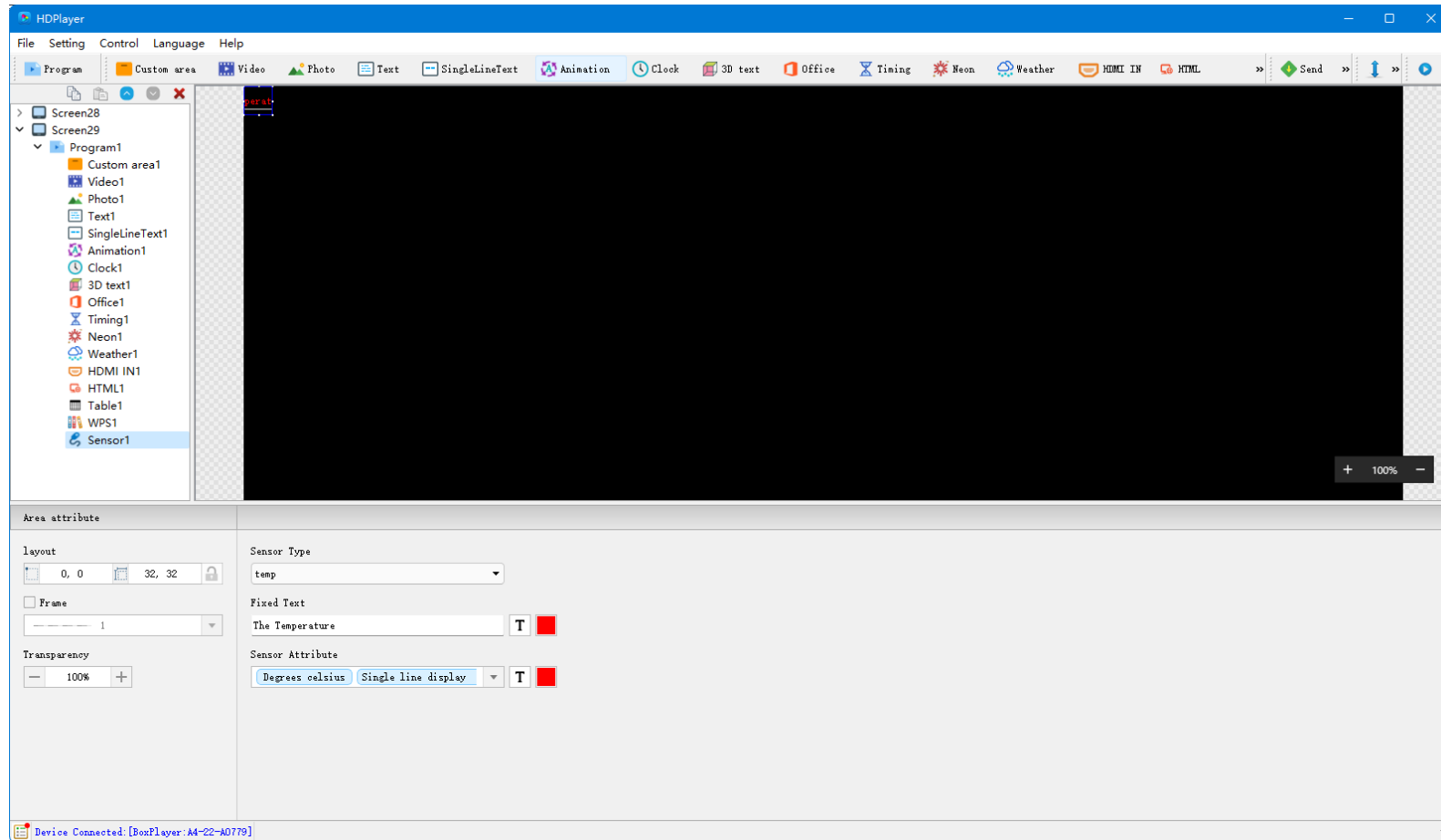
Device Connected: [BoxPlayer: A6L-23-0011B]

Shenzhen Huidu Technology Company

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



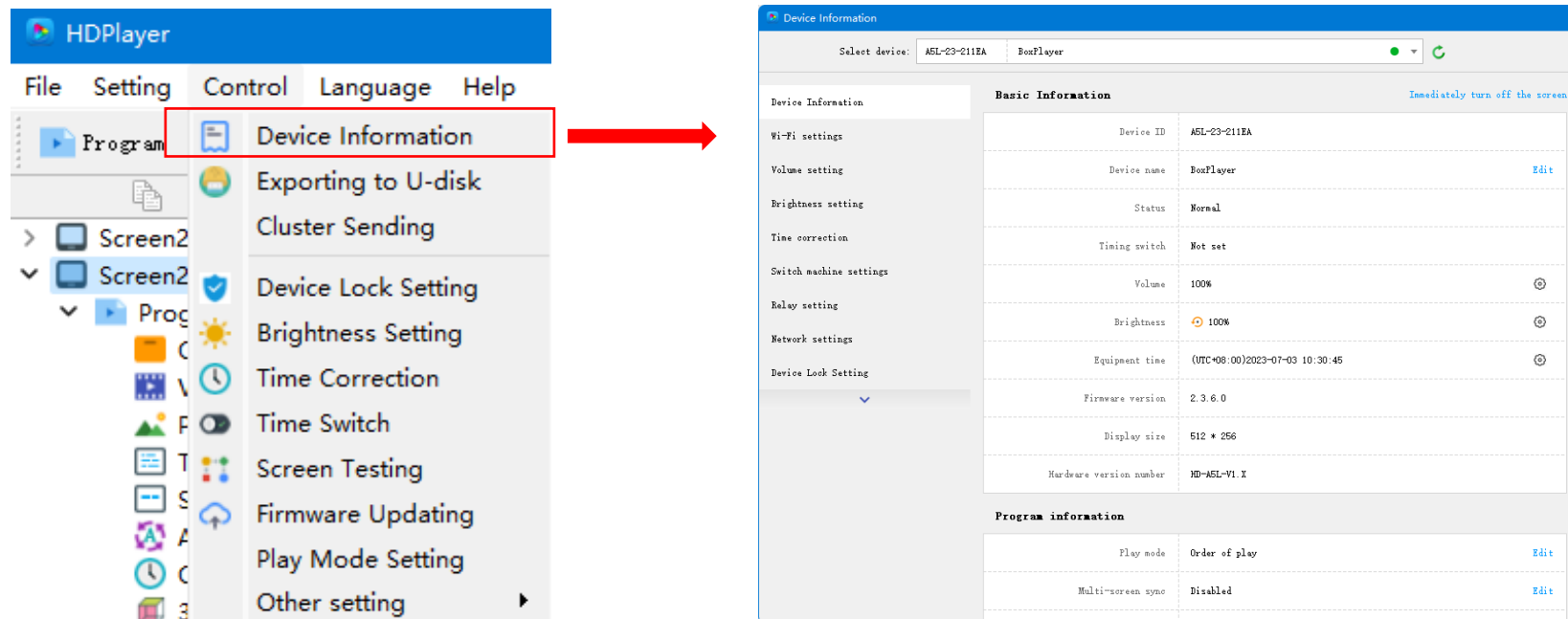
3. After the previous steps, you can begin to edit the program.



3.3 More setting

3.3.1 Device information

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

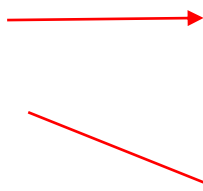


Play mode: Support single program loop and order of play.

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 A3L 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	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.

Volume Setting

mode: fixed

Volume:  100%

Drag this to set fixed Volume

OK Cancel

Volume Setting

mode: According to the time period

1. Edit time period 2. Set Volume

Onset time

1	08:00:00 ~ 18:00:00	100%
2	18:00:00 ~ 22:00:00	60%
3	22:00:00 ~ 08:00:00	30%

3. View the Onset time table

4. Click [OK]

OK Cancel

3.3.4 Brightness setting

Default mode: Set fixed brightness

Custom mode: Set the time frame for brightness

Automatic mode: A3L 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]

Ok

Cancel

3.3.5 Time correction

Set the system time zone. A3L 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 A3L.

☒	Enable the timer switch	1.Tick here to enable	
	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	



2.Set the boot and off time

3.Tick here to make it effective

4.Click [OK]

Ok	Cancel
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3.3.7 Relay setting

A4L 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 A3L.

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.

Device Lock

Enabled	☐	1.Tick
New password		2.Set password
Confirm password		

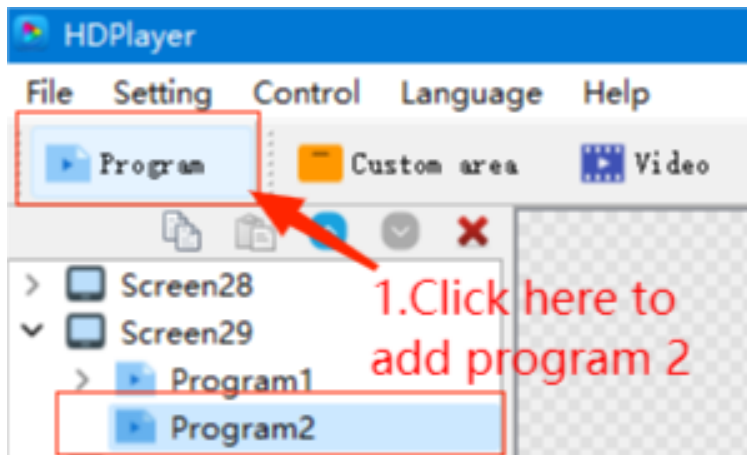
Note: Please save your password properly.

3.Click [OK]

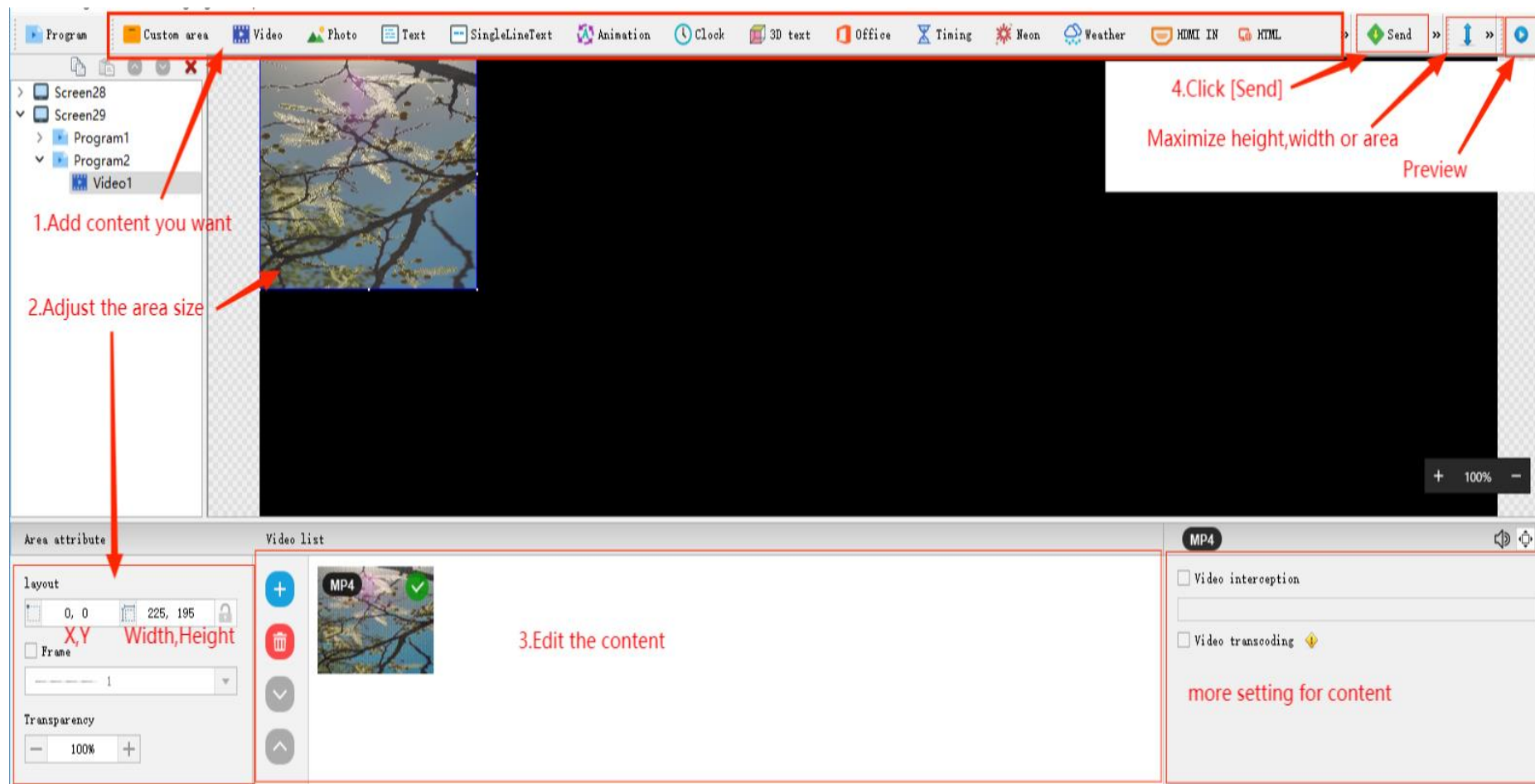
Chaper 4 Async Program Editing and Publishing

4.1 Publish programs by HDPlayer

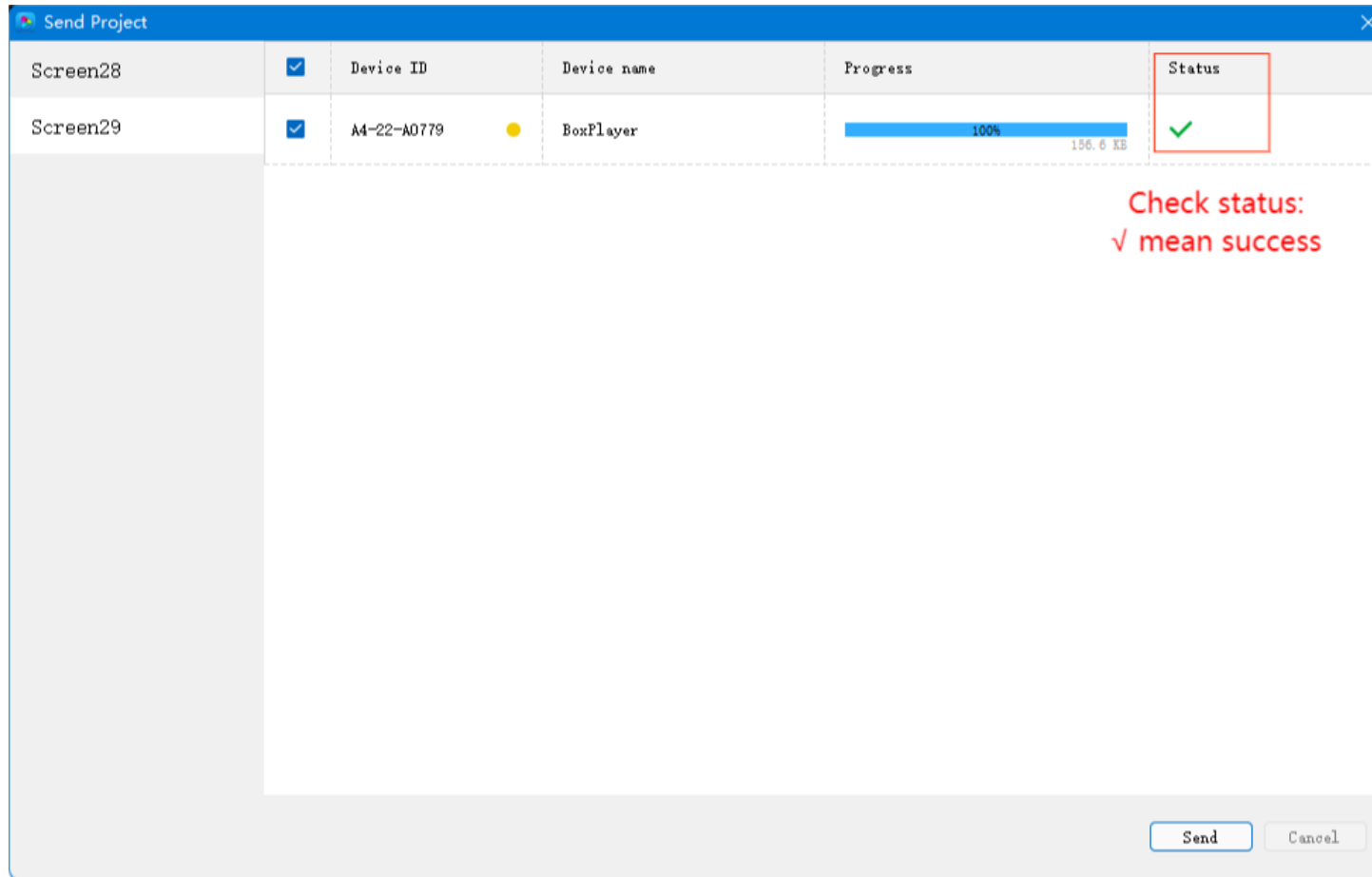
1. Create new program



2.Add content into Program



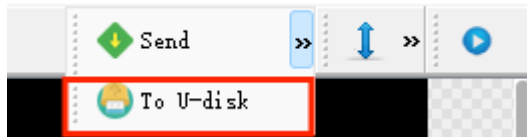
3. Sending interface



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

