

User Manual



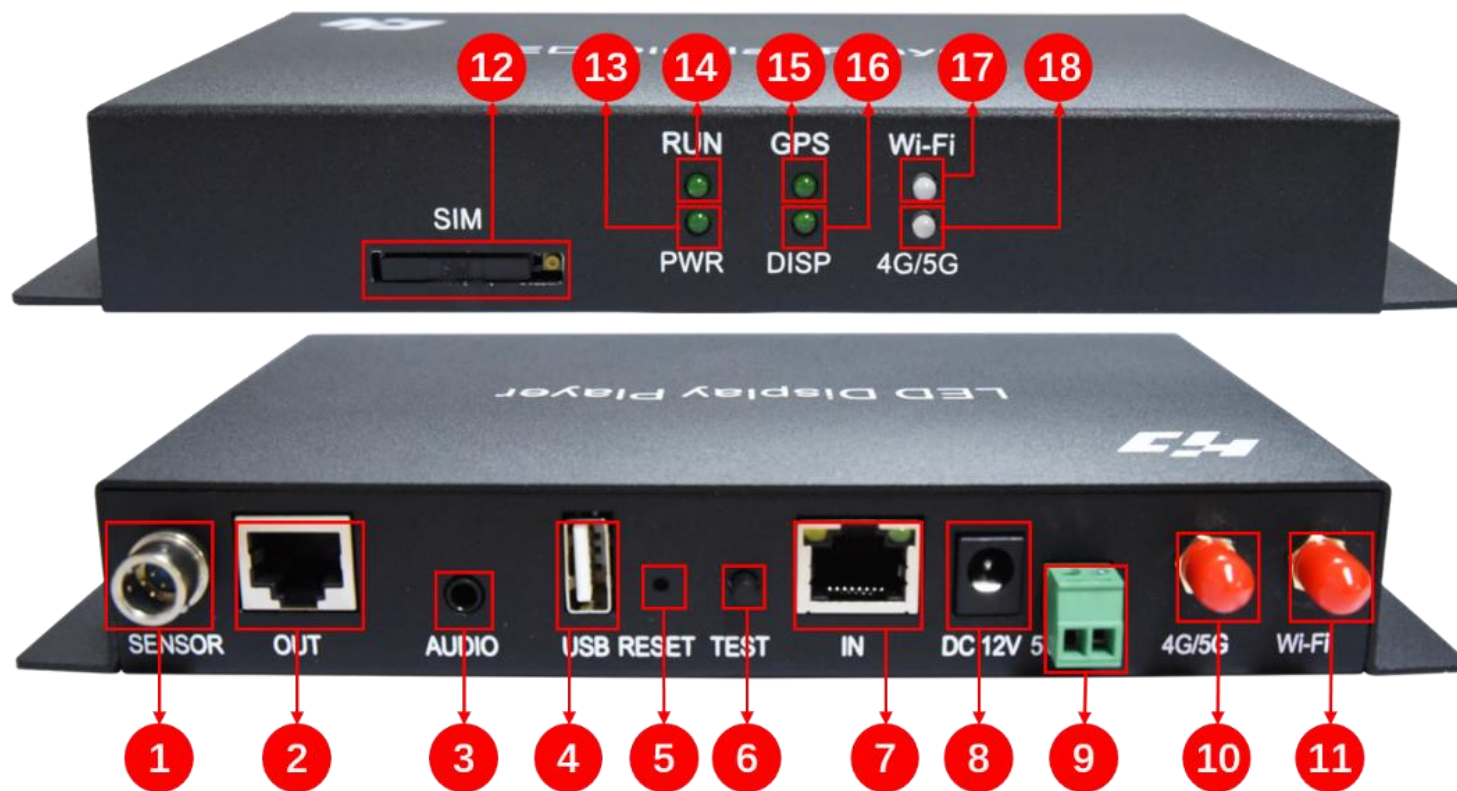
HD-A3

CONTENT

Chapter 1 Interface connection.....	1
Chapter 2 HDPlayer installation	5
Chapter 3 HD-A3 Parameter settings	7
3.1 Connection	7
3.2 Basic Setting	7
3.2.1 Create new screen for A3	7
3.3 More setting.....	11
3.3.1 Device information	11
3.3.2 WiFi setting	15
3.3.3 Volume setting	16
3.3.4 Brightness setting	17

3.3.5 Time correction	20
3.3.6 Switch machines setting	20
3.3.7 Relay setting	23
3.3.8 Network setting	24
3.3.9 Device lock setting	25
3.3.10 Startup screen	26
Chaper 4 Async Program Editing and Publishing	27
4.1 Publish programs by HDPlayer	26
4.2 Publish programs by U-disk	29

Chapter 1 Interface connection



1.1 HD-A4 Appearance and interface

No.	Name	Function
1	Sensor port	For connect S108, S208 Sensor.
2	Output 1Gbps network port	Connect to receiving card.
3	Audio output port	Support standard two-track stereo output
4	USB port	Connected to USB device, e.g U-disk, Mobile hard disk, etc.
5	Reset button	restore factory settings.
6	Test button	After smart setting, each press will appear red, green, blue, white, shaded test line sequentially.
7	Input network port	Connected to the computer network port.
8	Power port	Connected 12V DC.
9	Power port	Connected 5V DC.
10	4G antenna Port	Connected 4G antenna (Optional).
11	Wi-Fi antenna Port	Connected Wi-Fi antenna.
12	SIM card slot	Inserted with 4G SIM card for 4G internet (Optional).
13	PWR power light	Normally working.
14	RUN running light	Normal on work is flashes.
15	GPS indicator	Normal green flashes (Optional).

16	Screen DISP indicator	Normal green flashes.
17	Wi-Fi indicator	Normal green flashes.
18	3G/4G indicator	Normal green flashes (Optional).

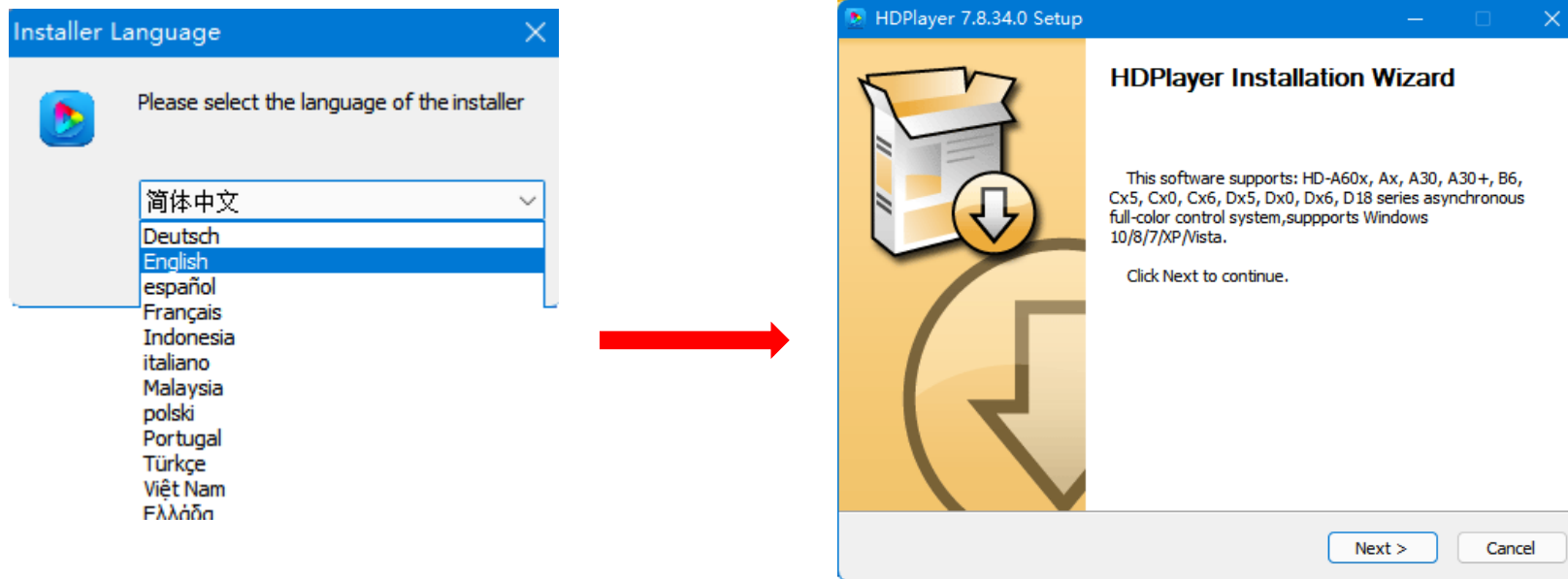
1.2 Hardware connection



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.

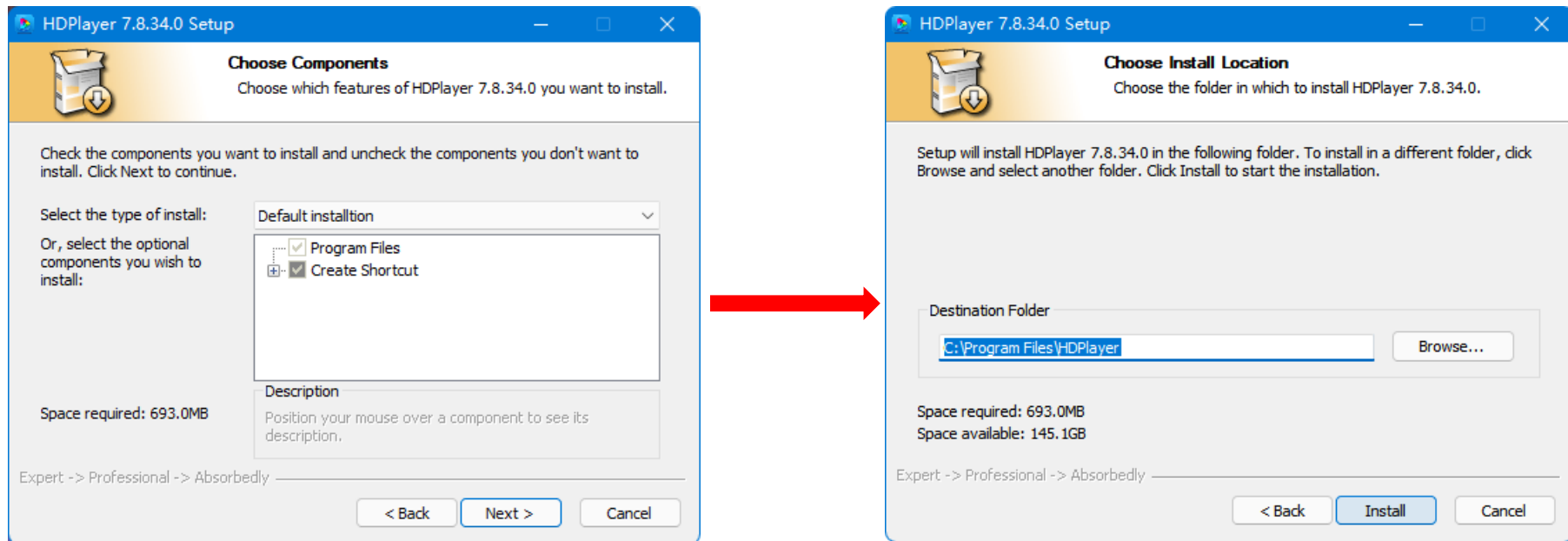


2. After selecting a language, an installation wizard like below will appear. Click [Next].

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-A3 Parameter settings

3.1 Connection

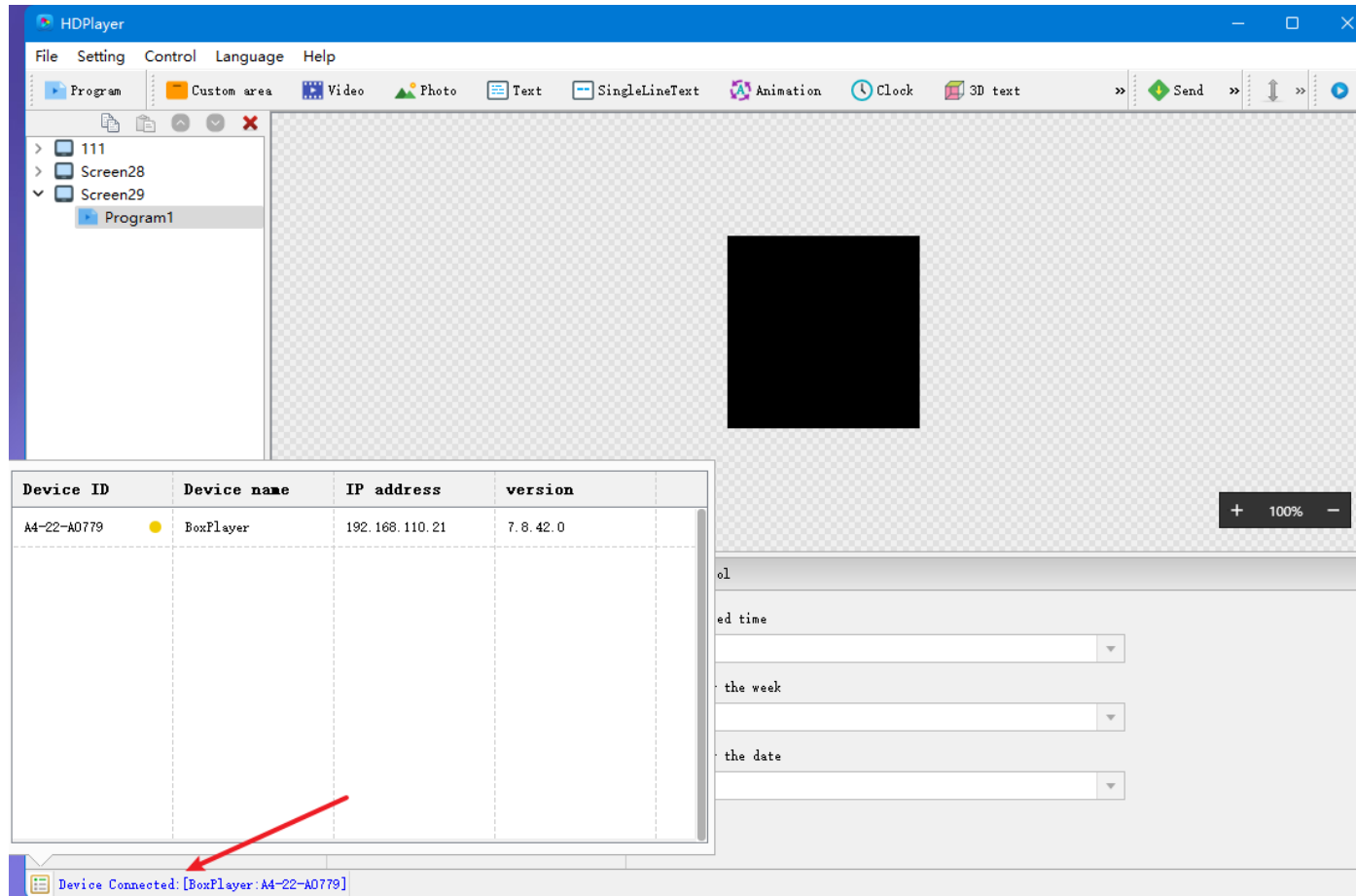
Connect the A3 to the computer by net cable or WiFi(Default password:88888888).



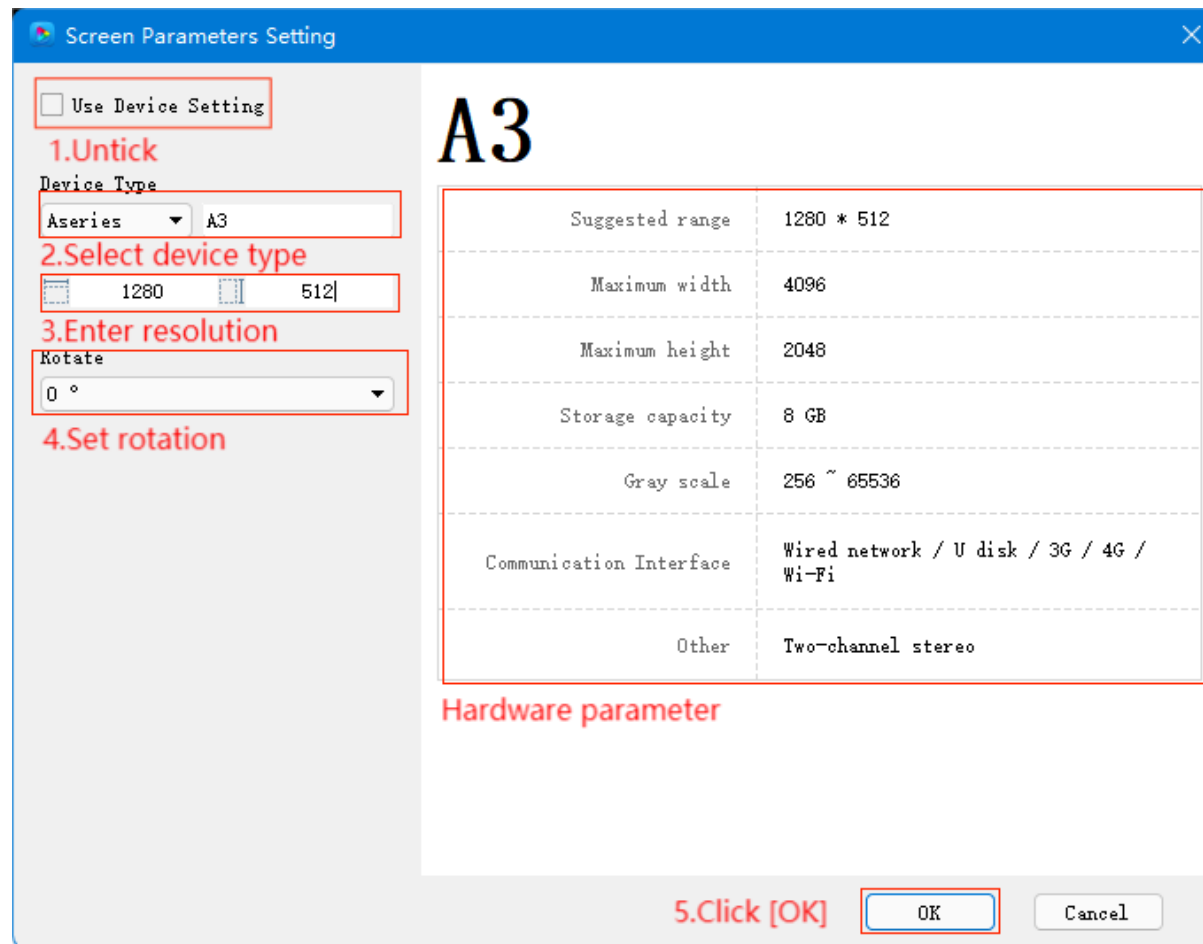
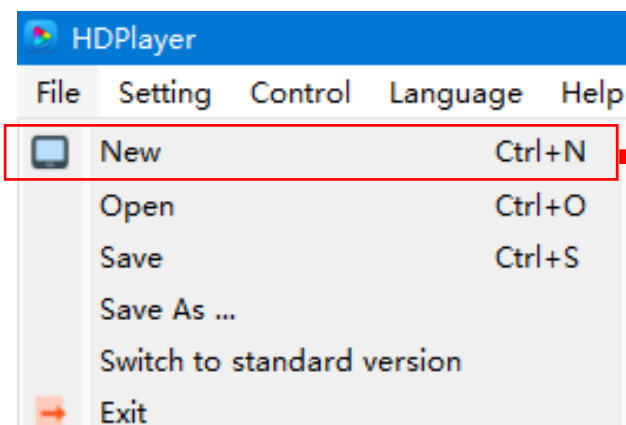
3.2 Basic Setting

3.2.1 Create new screen for A3

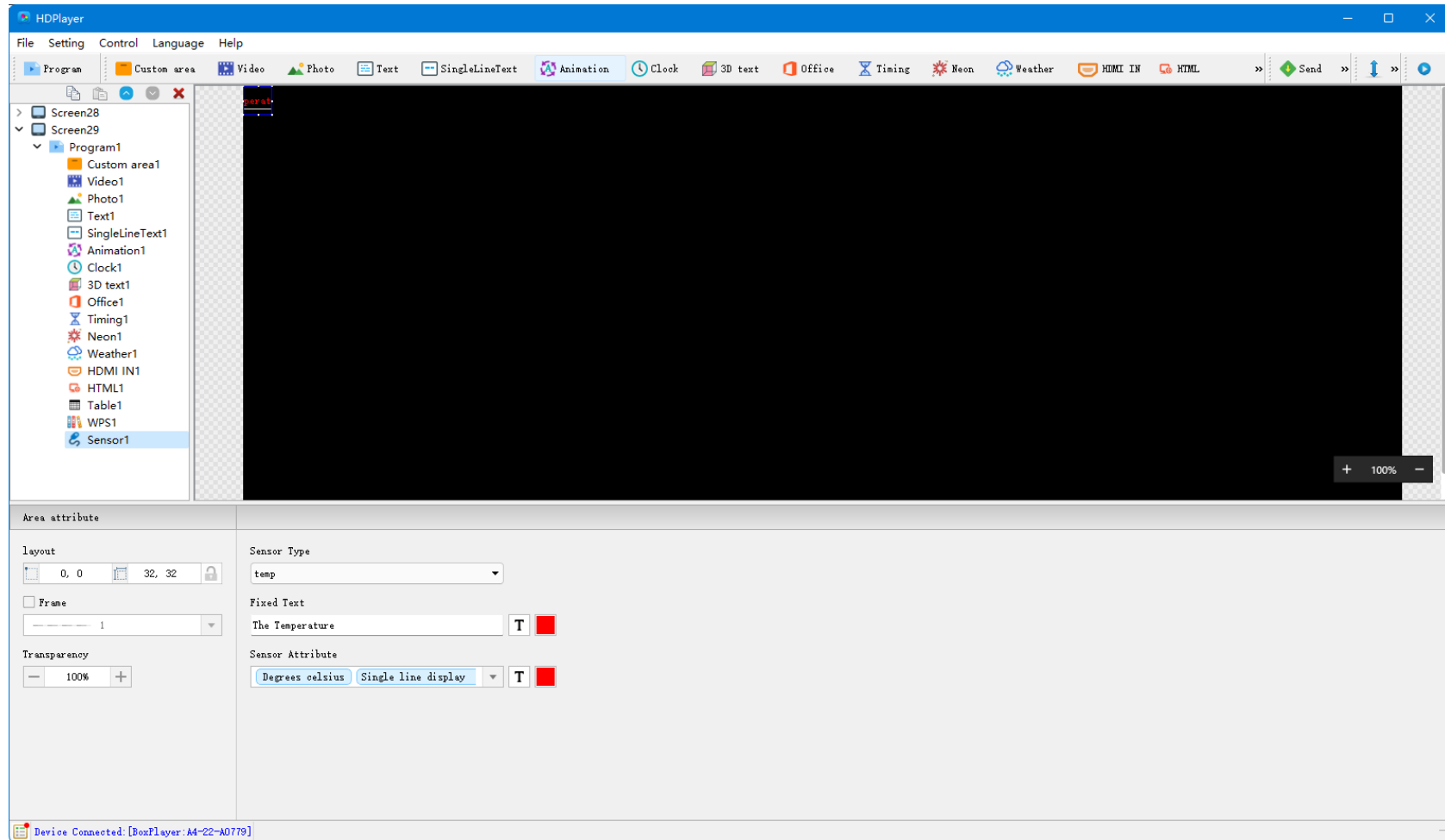
1.Run the HDPlayer software then it shows the A3 connected at the left-down corner.



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



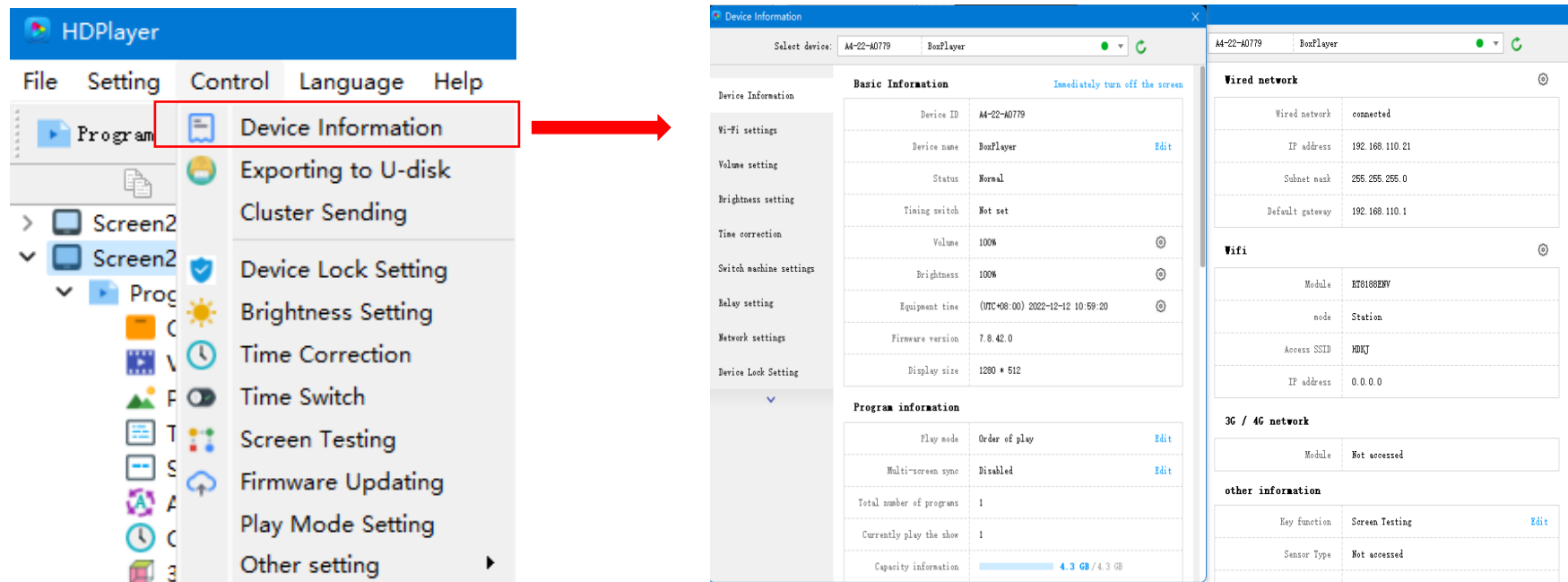
3. After the previous steps, you can begin to edit the program.



3.3 More setting

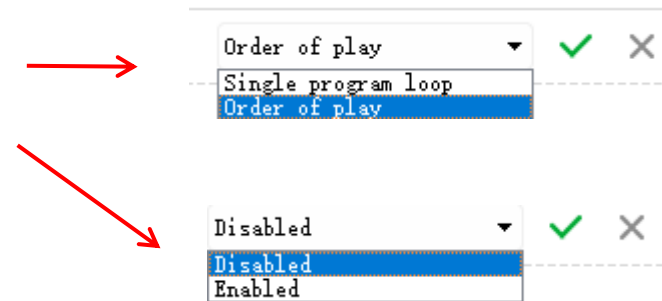
3.3.1 Device information

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	

View the 3/4G network and sensor status.

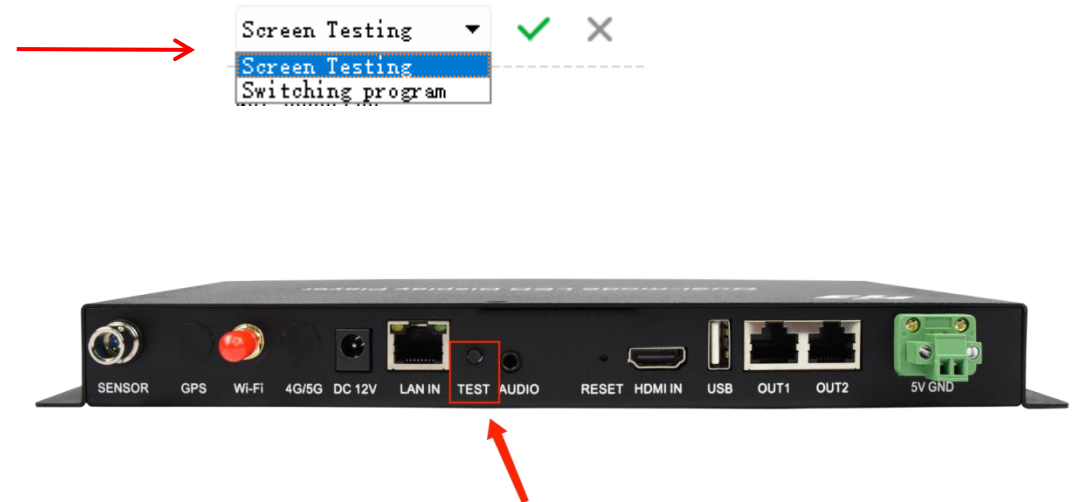
Key function:Screen testing or switch program

3G / 4G network

Module	Not accessed
--------	--------------

other information

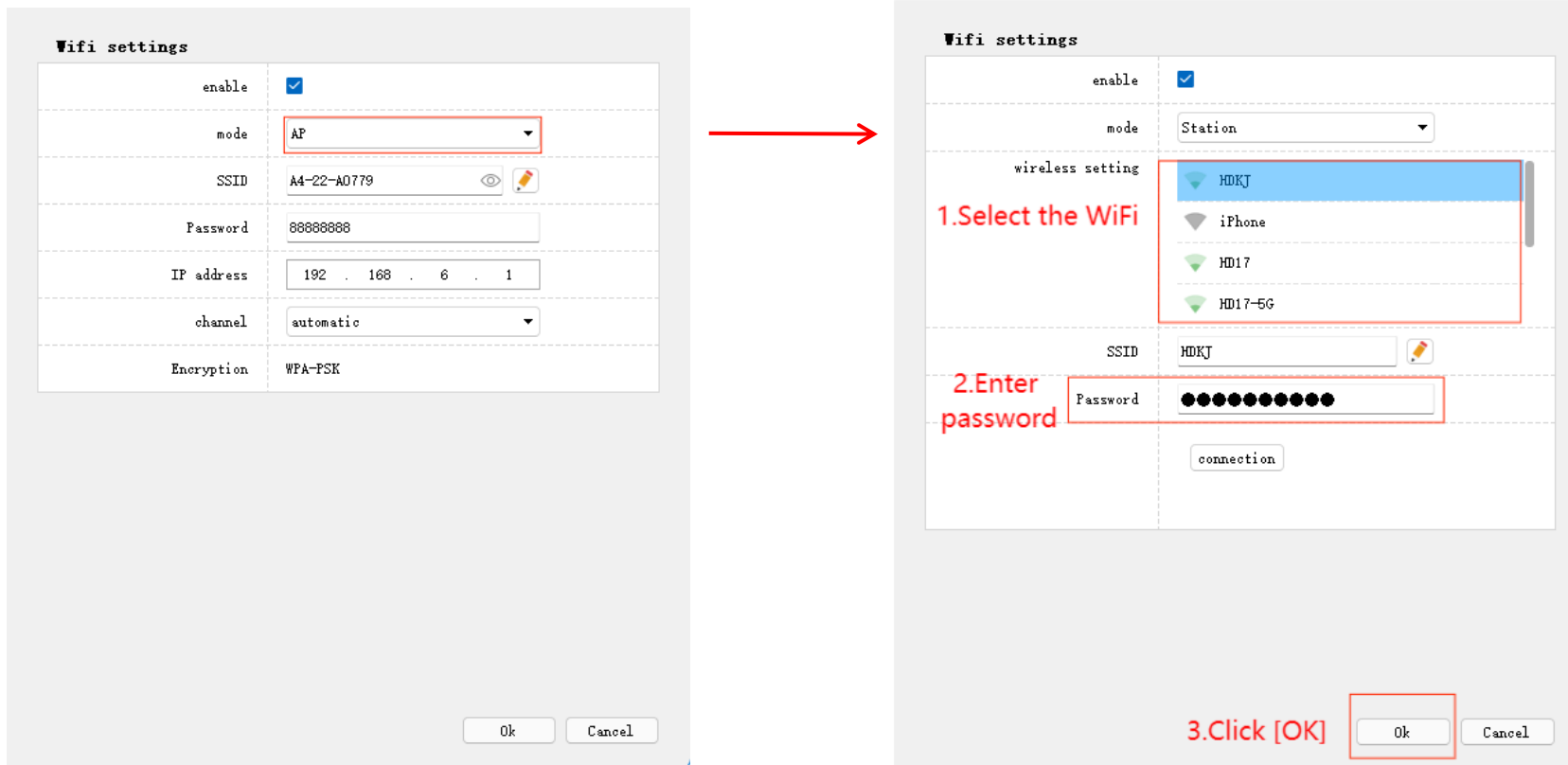
Key function	Screen Testing	Edit
Sensor Type	Not accessed	
Brightness sensor	Not accessed	
Temperature Sensor	Not accessed	
Humidity Sensor	Not accessed	
GPS +	Not accessed	📶
Wind power	Not accessed	
Wind Direction	Not accessed	
Noise	Not accessed	
Pressure	Not accessed	
Co2	Not accessed	



3.3.2 WiFi setting

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

Station mode enable A3 connect to the wireless network.



The diagram illustrates the process of switching the WiFi mode from AP to Station. A red arrow points from the initial settings to the modified settings.

Initial Settings (Left):

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

Buttons: Ok, Cancel

Modified Settings (Right):

Wifi settings	
enable	☒
mode	Station
wireless setting	1. Select the WiFi HDKJ iPhone HD17 HD17-5G
SSID	HDKJ
Password	2. Enter password ●●●●●●●●
connection	connection

Buttons: Ok, Cancel

Annotations:

- 1. Select the WiFi
- 2. Enter password
- 3. Click [OK]

3.3.3 Volume setting

Fixed mode: set fixed volume

According to the time period: Set the time frame.

Volume Setting

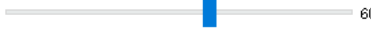
mode	fixed
Volume	 100%

Drag this to set fixed Volume

OK Cancel

Volume Setting

mode	According to the time period
------	------------------------------

☒	08:00:00	 100%	
☒	18:00:00	 60%	
☒	22:00:00	 30%	

1.Edit time period 2.Set Volume 

Onset time Add more time period

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: A3 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]

Add more time period

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%

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. A3 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 A3.

☒	Enable the timer switch	
☒	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

1.Tick here to enable

2.Set the boot and off time

3.Tick here to make it effective

4.Click [OK]

Ok	Cancel
----	--------

3.3.7 Relay setting

A3 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 A3.

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 ⓘ	



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]

<input checked="" type="button" value="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]

OK

Cancel

3.3.10 Startup screen

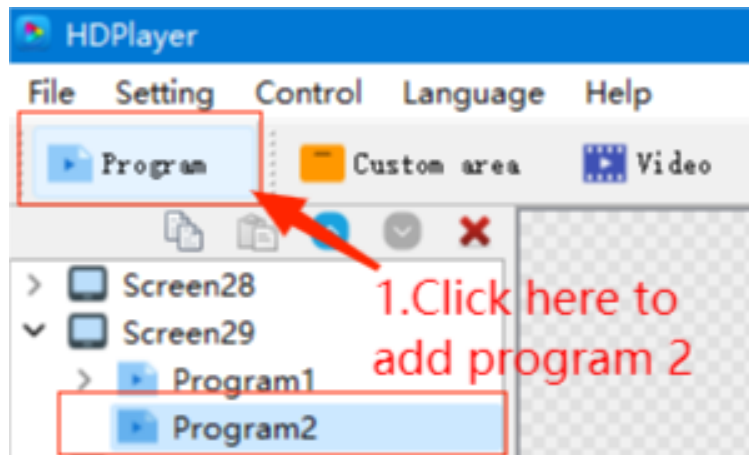
You can upload the startup image to A3.



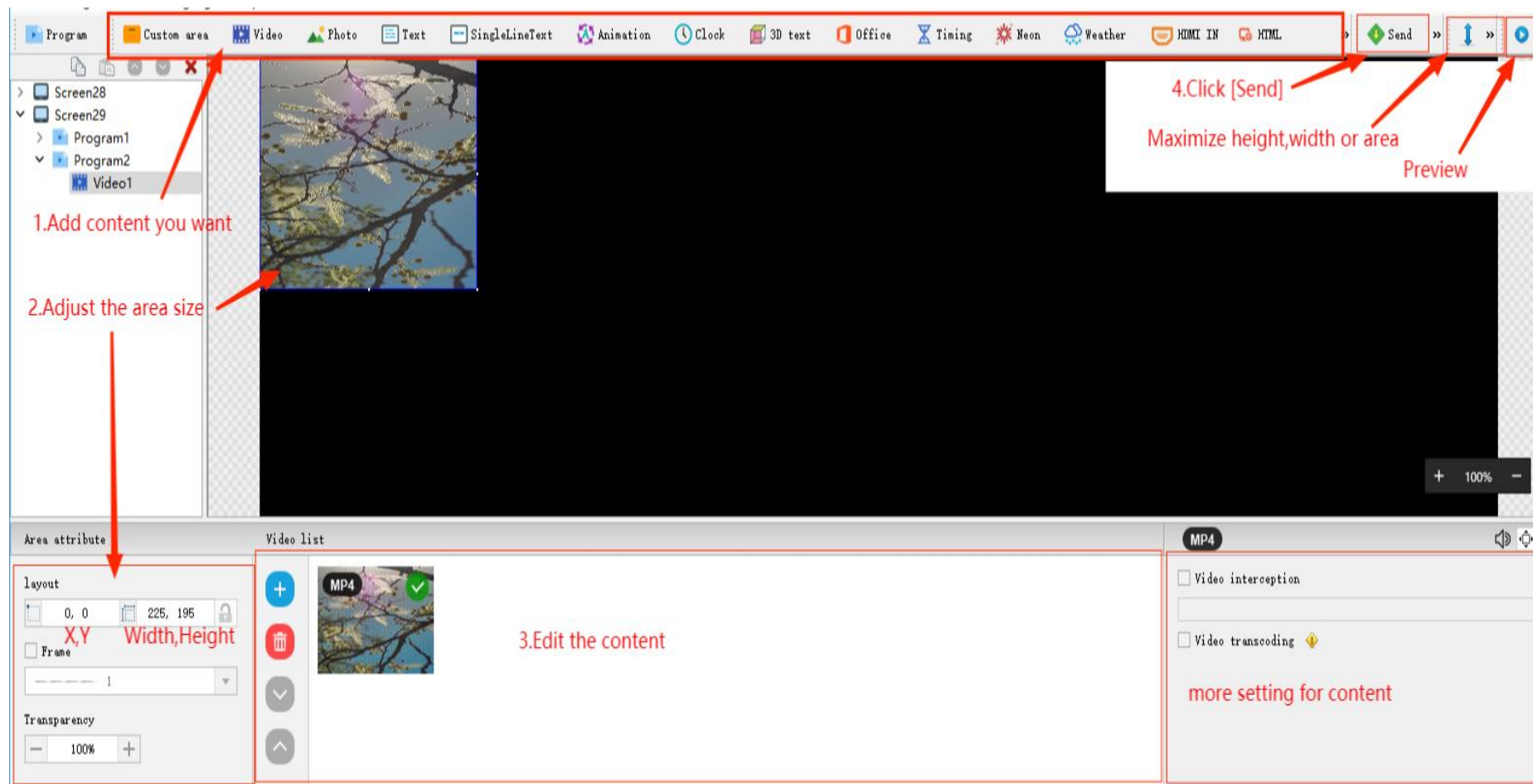
Chaper 4 Async Program Editing and Publishing

4.1 Publish programs by HDPlayer

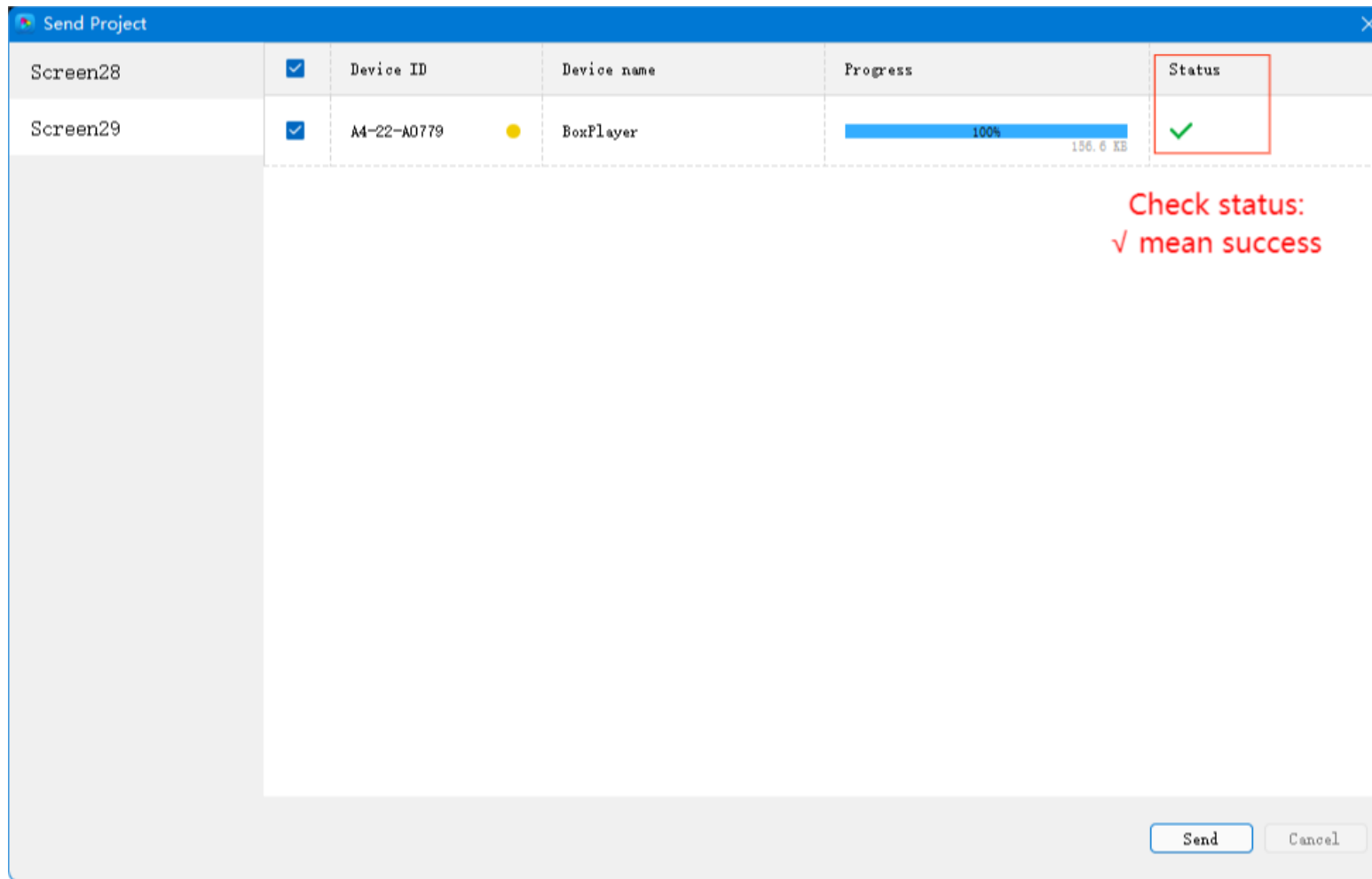
1. Create new program



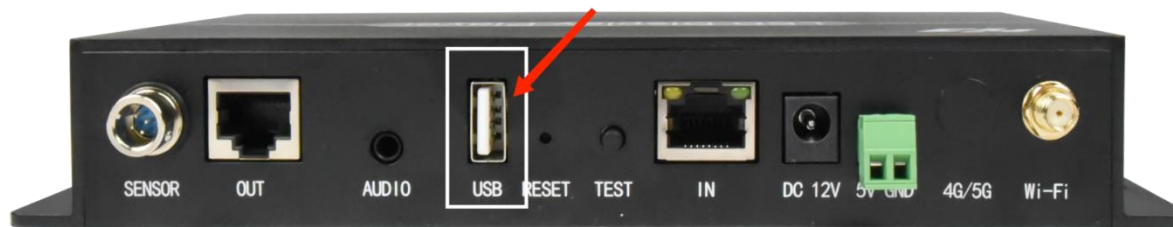
2.Add content into Program



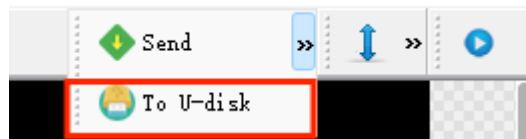
3. Sending interface



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

