

User Manual



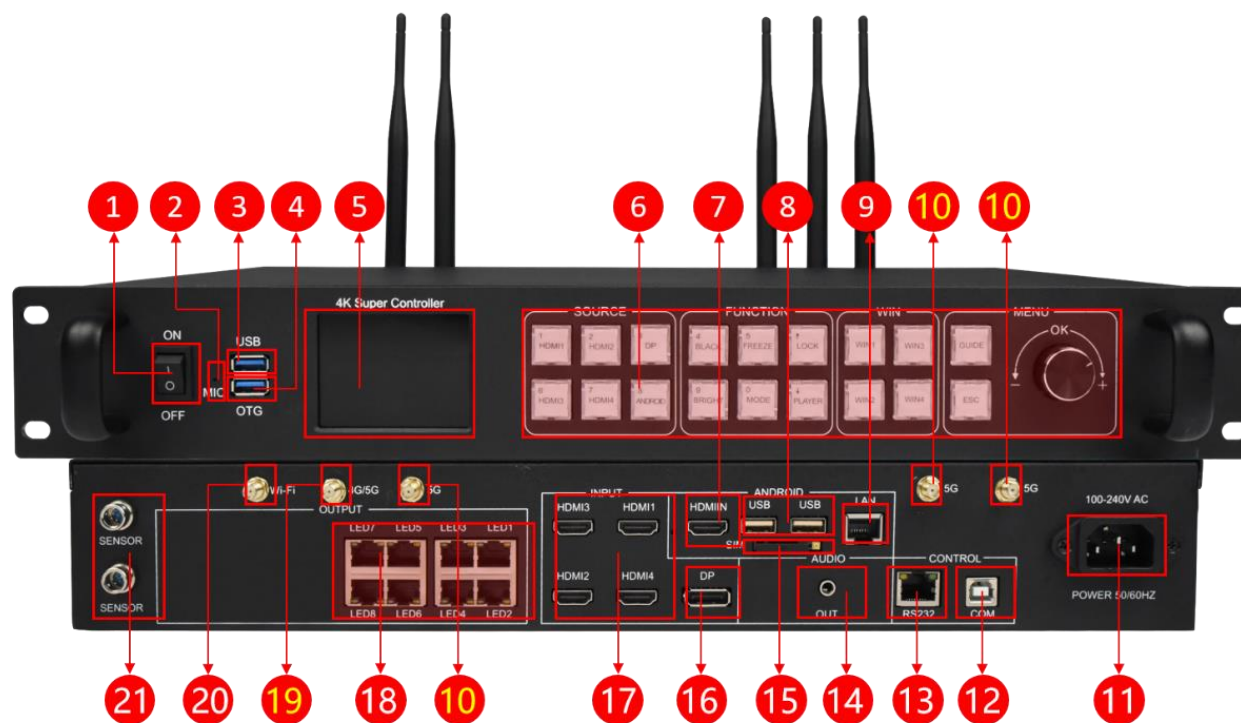
HD-A7

CONTENT

Chapter 1 Interface connection.....	1
Chapter 2 HDPlayer installation	5
Chapter 3 HD-A6 Parameter settings	7
3.1 Connection	7
3.2 Basic Setting	7
3.2.1 Create new screen for A6	8
3.2.2 Play mode setting	8
3.3 More setting.....	12
3.3.1 Device information	12
3.3.2 WiFi setting	15
3.3.3 Volume setting	16

3.3.4 Brightness setting	17
3.3.5 Time correction	21
3.3.6 Switch machines setting	21
3.3.7 Relay setting	24
3.3.8 Network setting	25
3.3.9 Device lock setting.....	26
3.3.10 Startup screen	27
Chaper 4 Async Program Editing and Publishing	28
4.1 Publish programs by HDPlayer	27
4.2 Publish programs by U-disk.....	30

Chapter 1 Interface connection

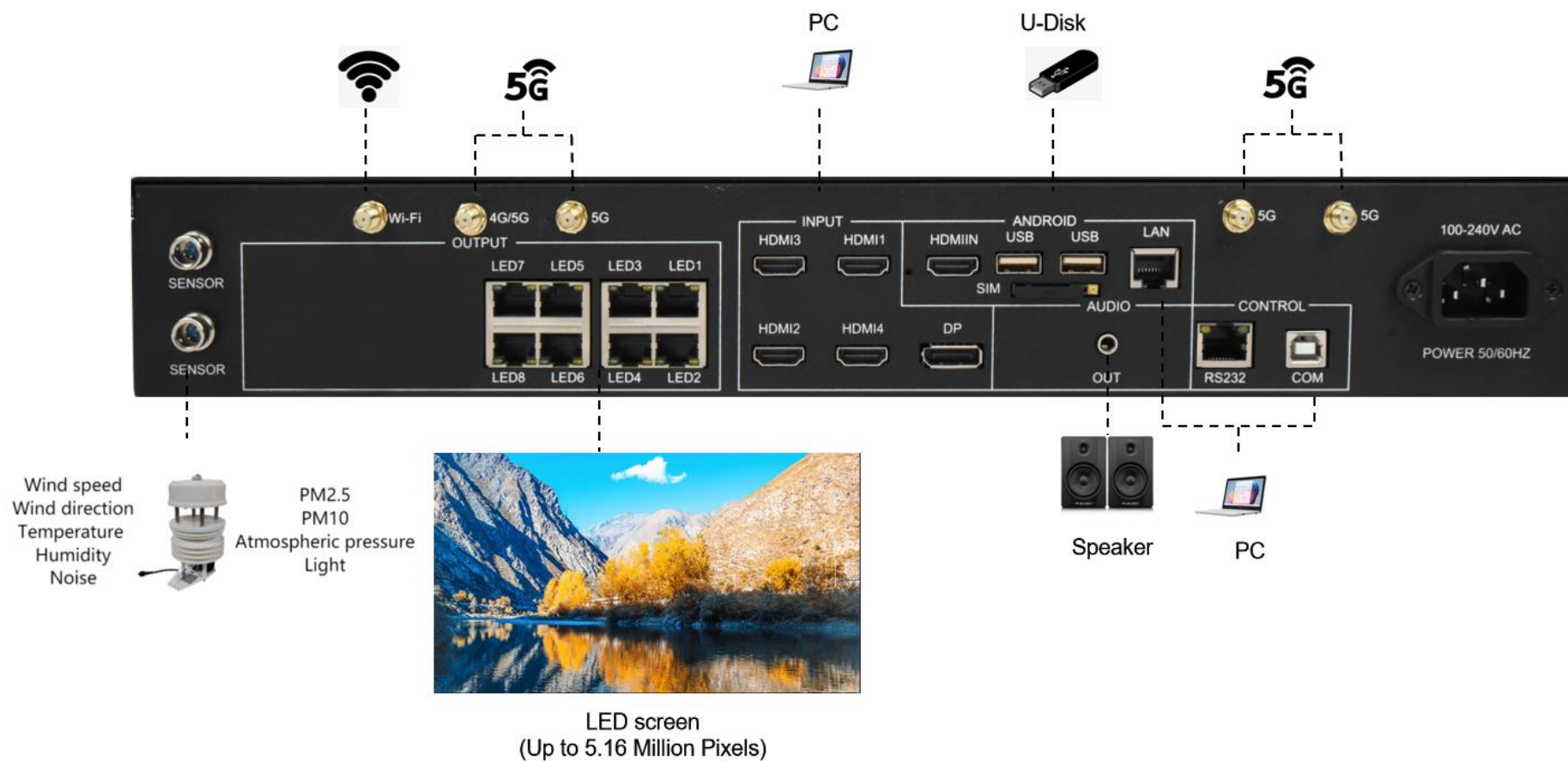


1.1 HD-A7 Appearance and interface

No.	Name	Function
1	Power switch:	control the on and off of the AC power supply of the player box.
2	MIC interface:	MIC interface: voice control microphone input.
3	USB 3.0 interface	USB 3.0 interface: directly programs playback or expand storage capacity.
4	OTG	debugging and firmware upgrade.
5	LCD screen	LCD screen
6	Function keys	set the parameters of the playback box, signal switching, etc.,
7	HDMI input:	synchronous mode signal input interface, which can be mixed with asynchronous mode.
8	USB 2.0	directly programs playback or expand storage capacity.
9	LAN:	debugging interface, which can be connected to the Internet and local area network.
10	Antenna interfaceantenna (not standard).	the interface for connecting an external 5G antenna (not standard).

11	Power interface	connect 100~240V AC power supply.
12	Debugging interface	used to debug the parameters of the display screen and connect to the computer through USB-B.
13	Serial port	RS232 serial port communication and control.
14	Audio interface	TRS 3.5mm standard two-channel audio output interface.
15	Standard SIM card slot	insert 4G/5G card for networking.
16	DP input	synchronous signal input interface.
17	HDMI input:	synchronous signal input, can be connected to computers, set-top boxes and other equipment, timing synchronization playback.
18	RJ45 output	connect the receiving card.
19	Antenna interface	an interface for connecting an external 4G or 5G antenna (not standard),
20	Antenna interface	the interface for connecting the Wi-Fi antenna.

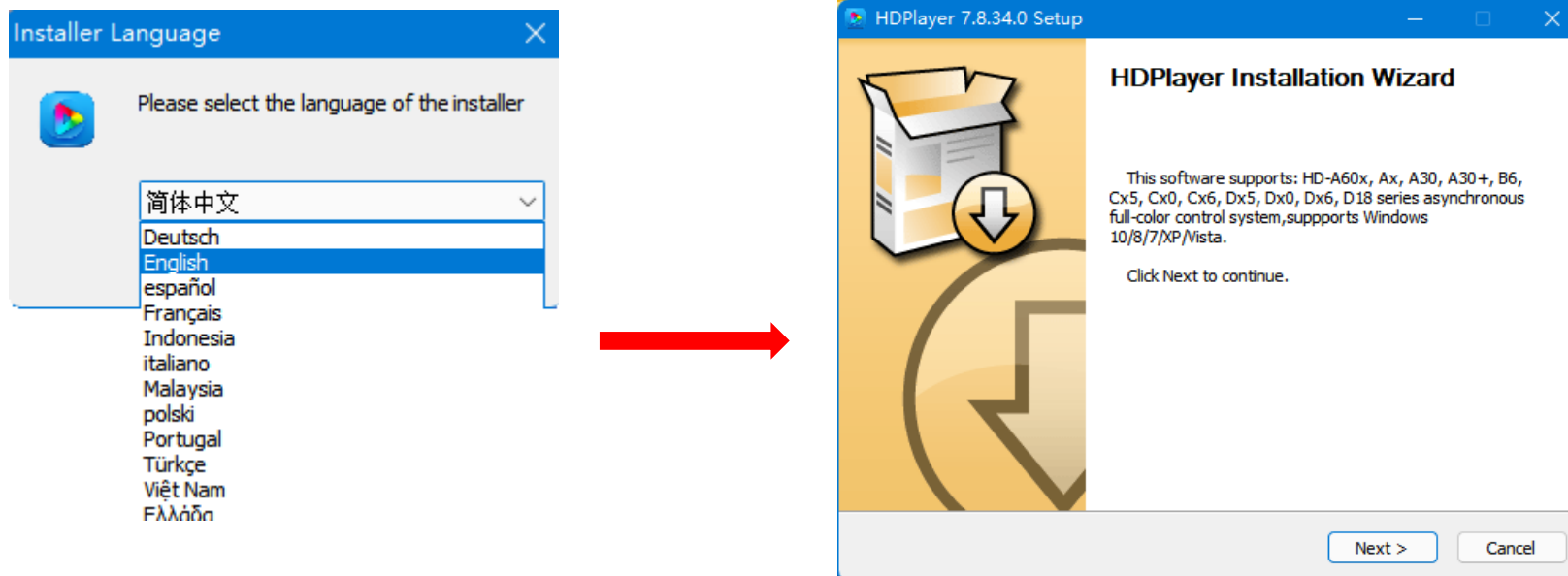
1.2 Hardware connection



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.

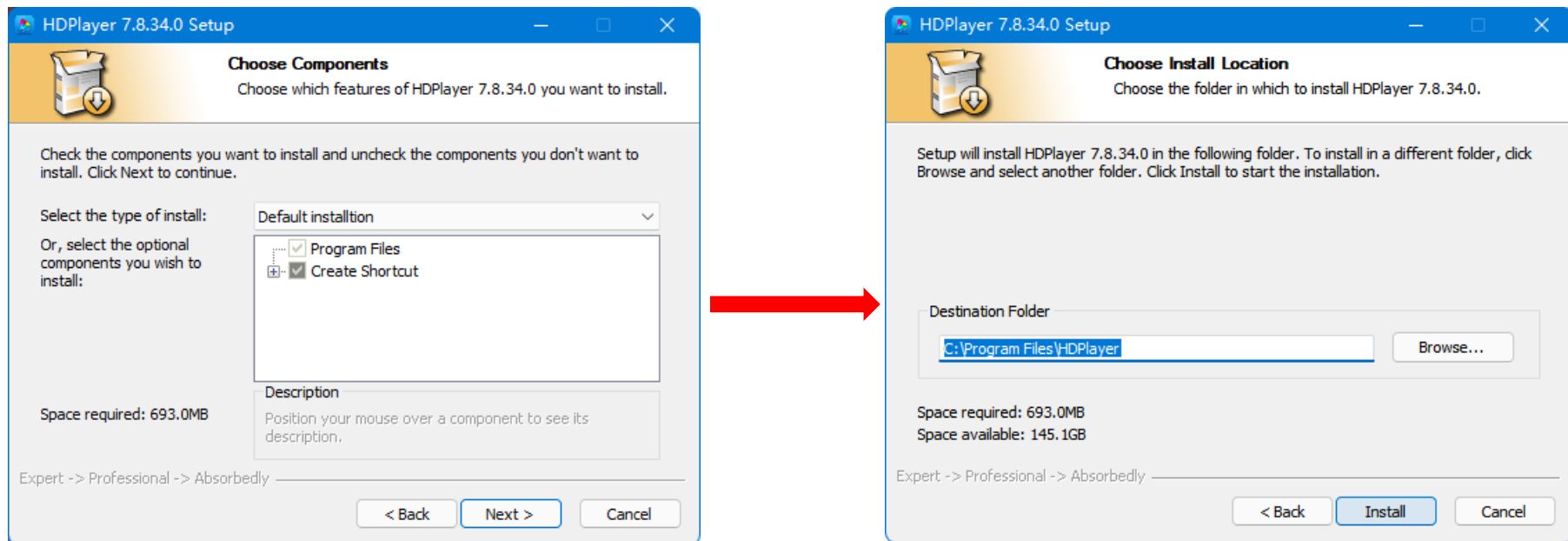


2. After selecting a language, an installation wizard like below will appear. Click [Next].

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-A7 Parameter settings

3.1 Connection

Connect the A7 to the computer by net cable or WiFi(Default password:88888888).

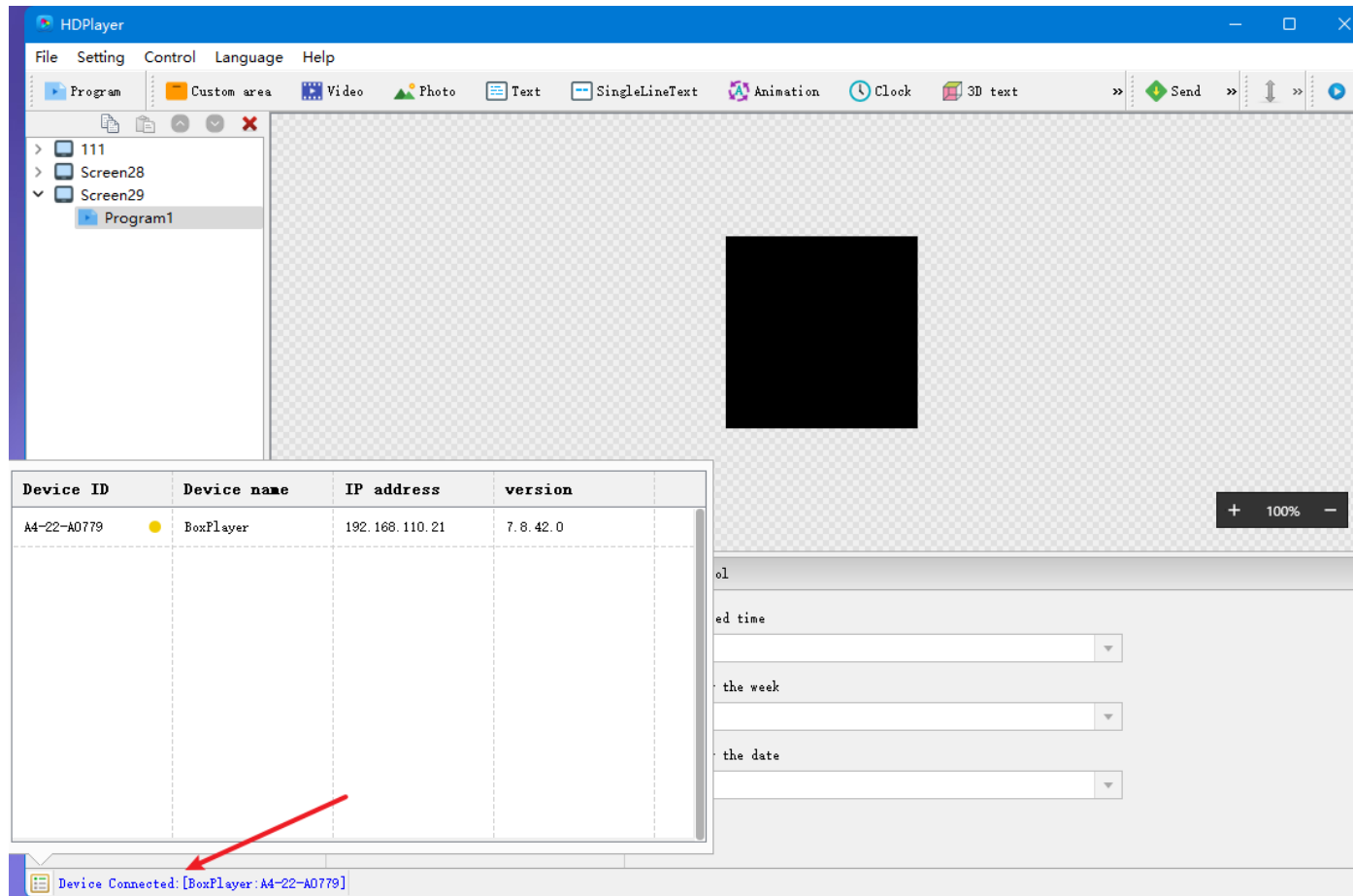
LAN for publishing program. COM for configuring receiver cards.



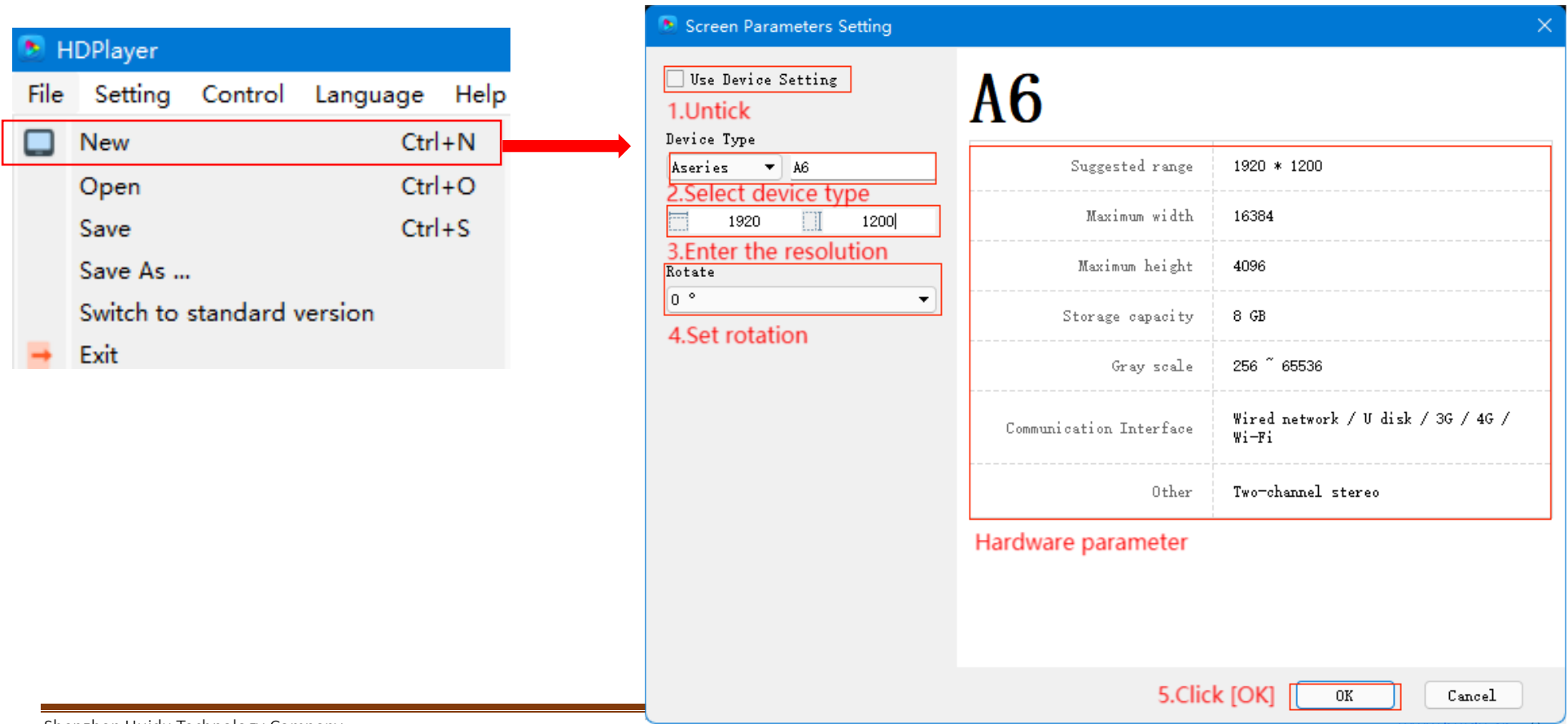
3.2 Basic Setting

3.2.1 Create new screen for A7

1.Run the HDPlayer software then it shows the A7 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.



HDPlayer

File Setting Control Language Help

New Ctrl+N

Open Ctrl+O

Save Ctrl+S

Save As ...

Switch to standard version

Exit

Screen Parameters Setting

☐ Use Device Setting

1.Untick

Device Type

Aseries A6

2.Select device type

1920 1200

3.Enter the resolution

Rotate 0°

4.Set rotation

A6

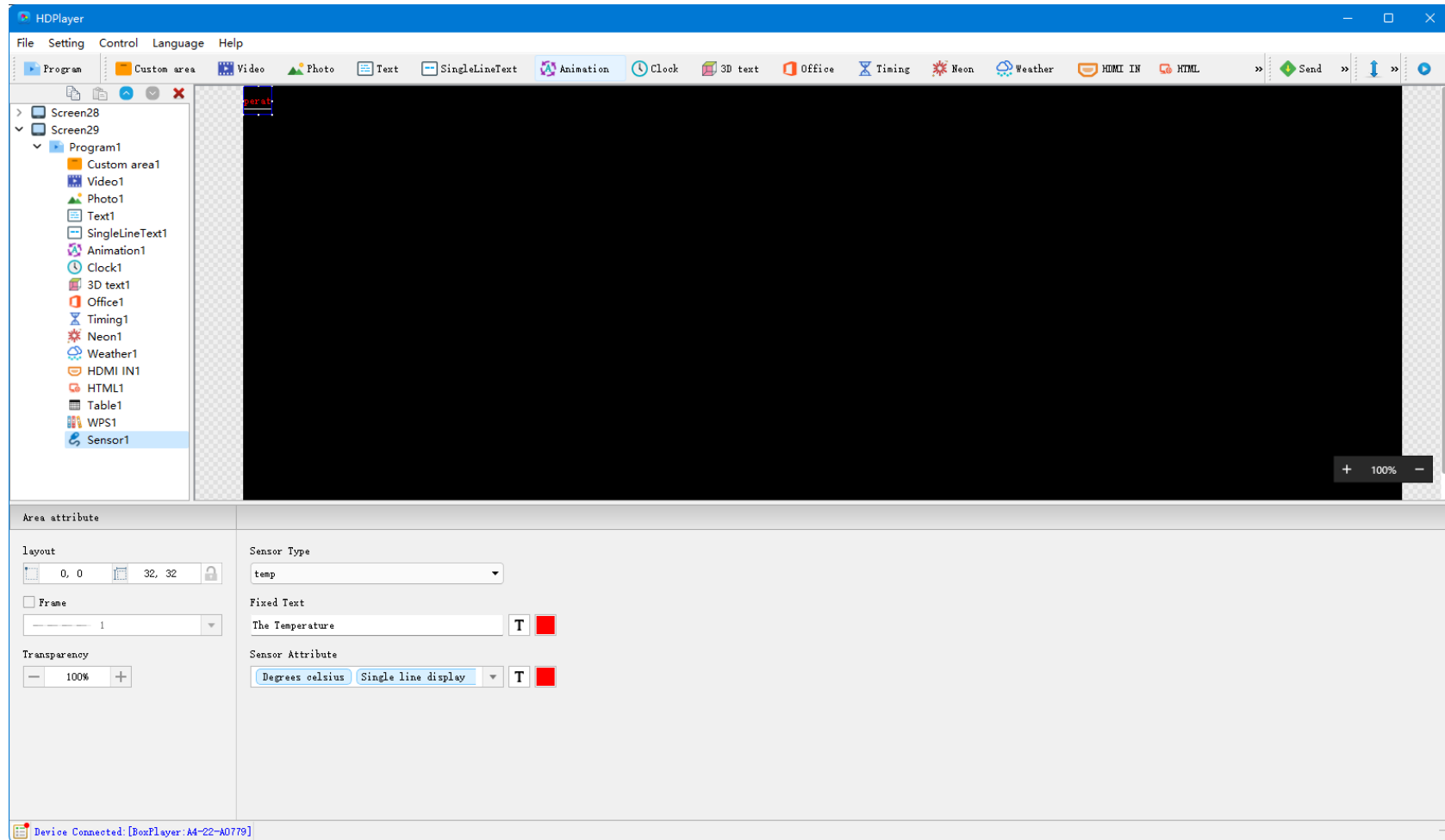
Suggested range	1920 * 1200
Maximum width	16384
Maximum height	4096
Storage capacity	8 GB
Gray scale	256 ~ 65536
Communication Interface	Wired network / U disk / 3G / 4G / Wi-Fi
Other	Two-channel stereo

Hardware parameter

5.Click [OK]

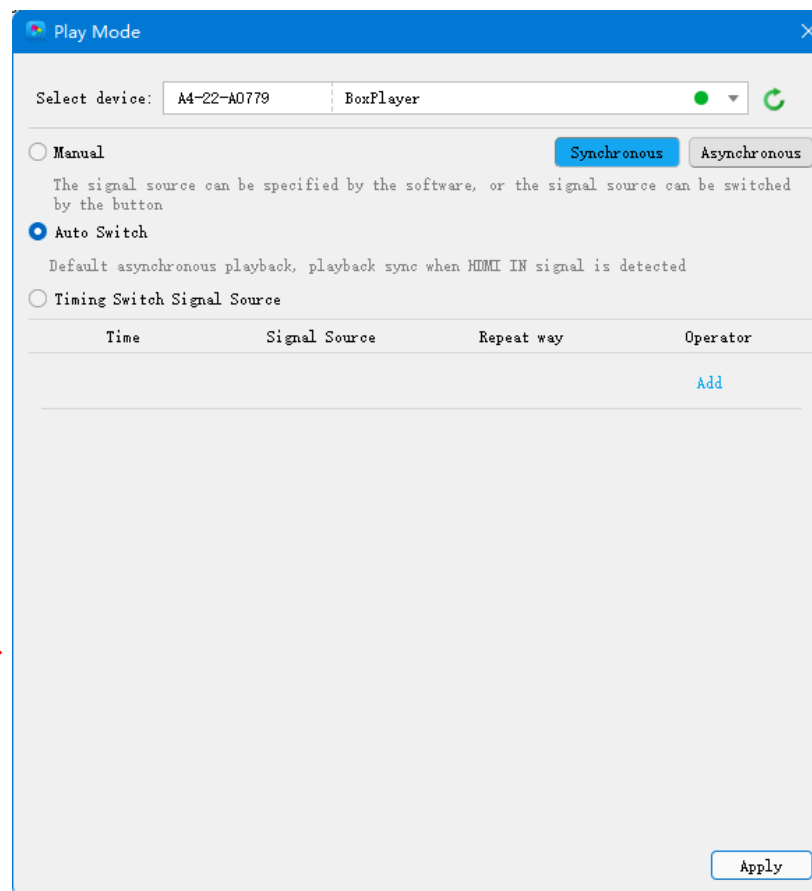
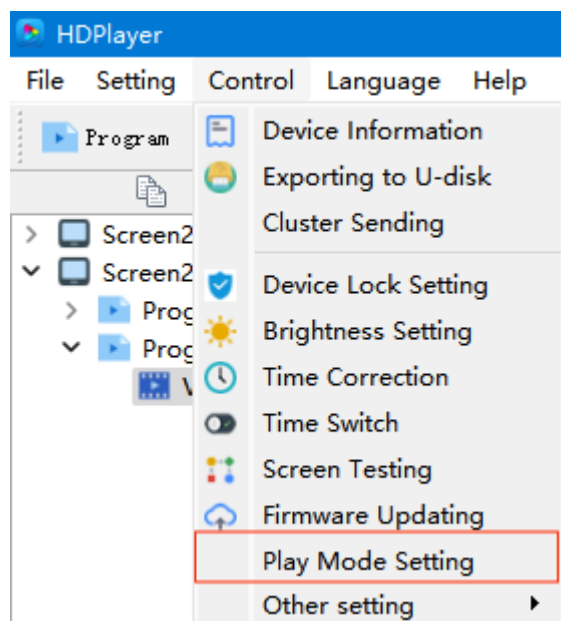
OK Cancel

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



3.2.2 Play mode setting

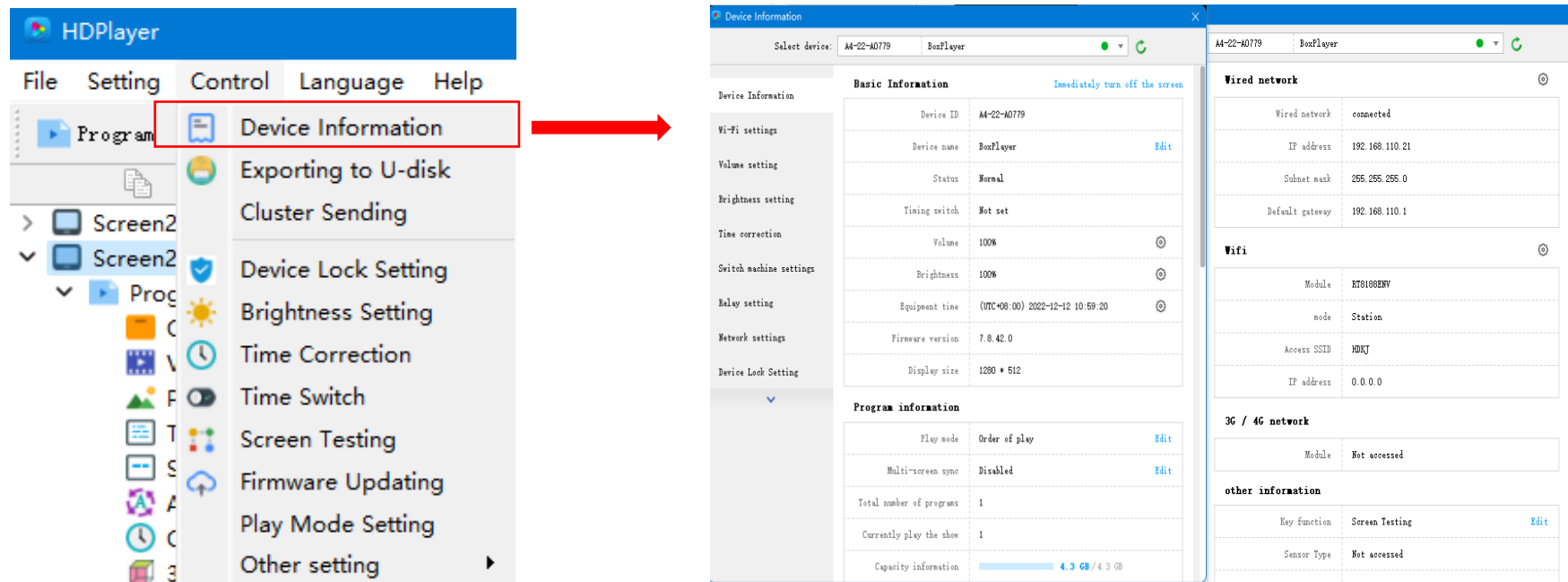
A7 is dual-mode display player.



3.3 More setting

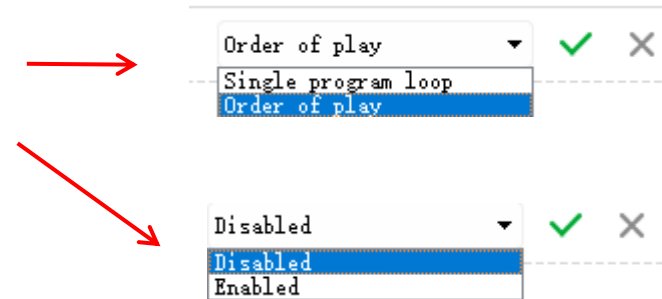
3.3.1 Device information

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

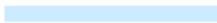


Play mode: Support single program loop and order of play.

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
--------	--------------

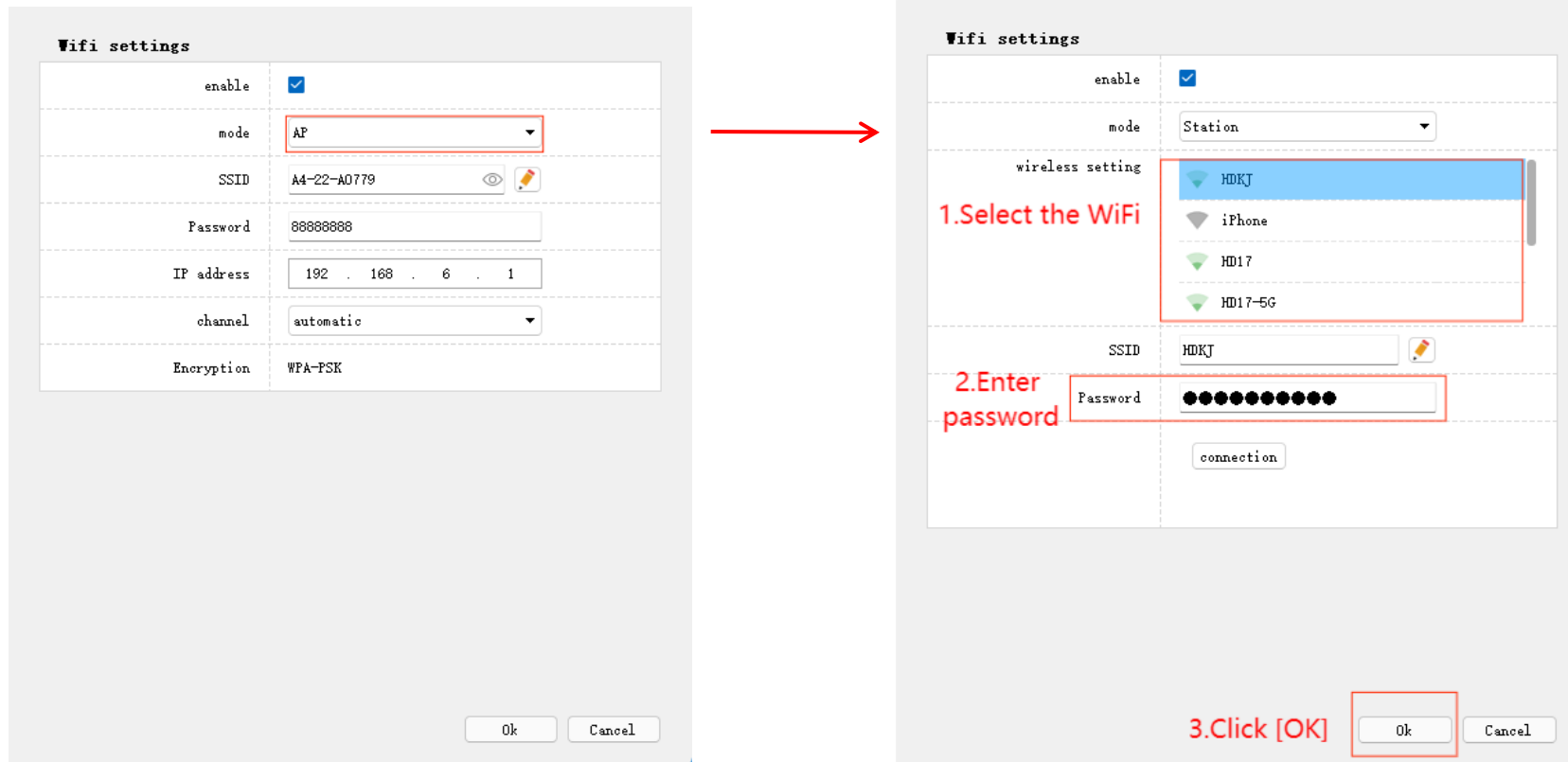
other information

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 A6 connect to the wireless network.



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 

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%

3.View the Onset time table

4.Click [OK]  Cancel

3.3.4 Brightness setting

Default mode: Set fixed brightness

Custom mode: Set the time frame for brightness

Automatic mode: A7 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. A7 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 A7.

☒ 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]

3.3.7 Relay setting

A7 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 A7.

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 A7.

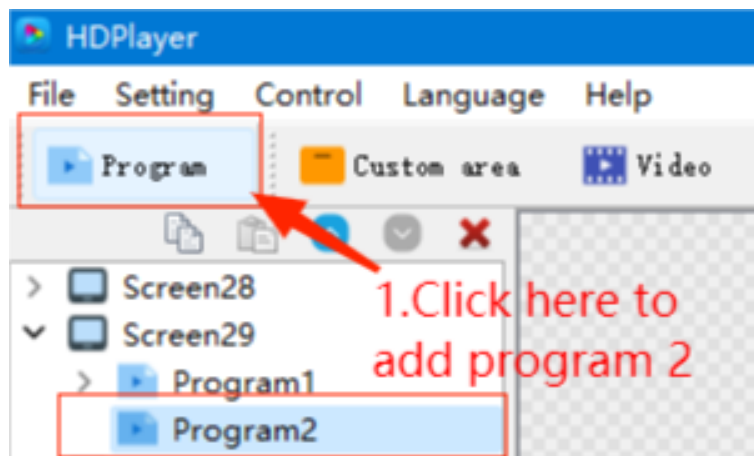


The screenshot shows a configuration window for the startup screen. At the top, there is a checkbox labeled "Enable the boot screen" which is currently unchecked. A red box highlights this checkbox with the annotation "1.Tick here to enable". Below this, there is a text input field with the placeholder "please choose". A red box highlights the dropdown arrow of this field with the annotation "2.Click here to browse". At the bottom of the window, there are two buttons: "Ok" and "Cancel". A red box highlights the "Ok" button with the annotation "3.Click [OK]".

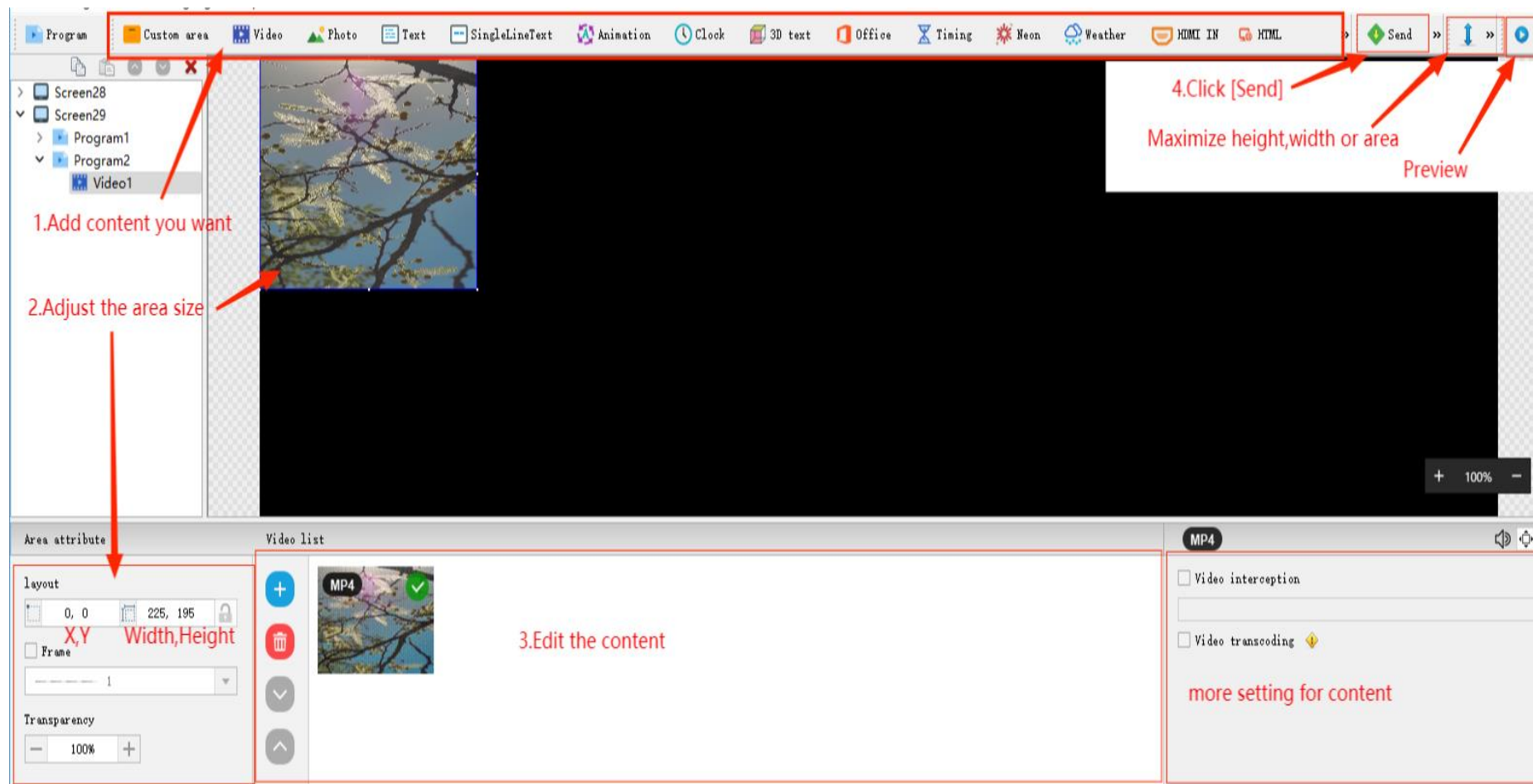
Chapter 4 Async Program Editing and Publishing

4.1 Publish programs by HDPlayer

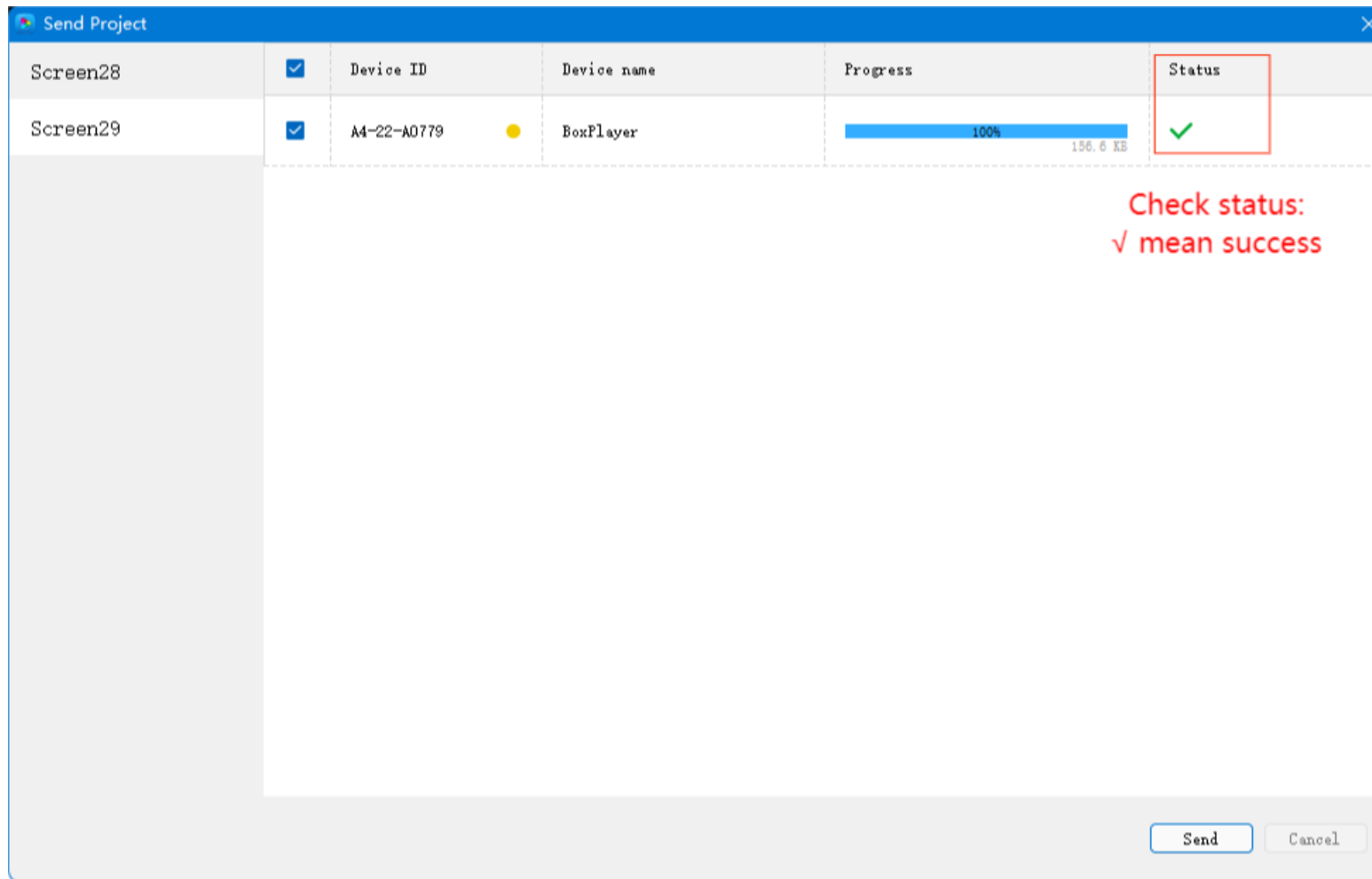
1. Create new program



2.Add content into Program



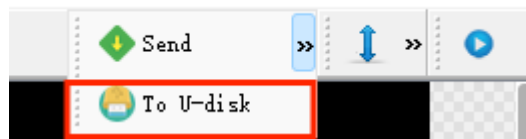
3. Sending interface



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

File Explorer window showing the contents of U-DISK (D:).

Navigation: < > ^ ↑ This PC > U-DISK (D:) Search U-DISK (D:)

Left sidebar: Quick access (Desktop, Documents, Downloads, Pictures), This PC, Network.

Name	Date modified	Type	Size
Cola	6/15/2022 2:54 PM	KMP -Video File	2,742 KB
Spring	6/15/2022 2:29 PM	KMP -Video File	3,354 KB
night	9/9/2022 10:45 AM	JPEG image	86 KB
architecture	9/9/2022 10:45 AM	JPEG image	182 KB

4 items