



M3 Studio_PC

USER Manual

Compatible with HallPlayer v4.0.16 or later versions for network media players.

CONTENT

1.Record	- 1 -
2.Applicable Models	- 1 -
3 Connection Method	- 1 -
3.1Local Area Network Connection	- 2 -
3.2Direct Ethernet Connection	- 2 -
3.3 Hotspot Connection	- 3 -
4Quick Start Guide	- 3 -
4.1 Login	- 3 -
4.2 Upload Material	- 4 -
4.3 Release Program	- 6 -
5.Terminal	- 9 -
5.1 Login	- 9 -
5.2 Modify Account Password	- 9 -
5.3Log Out	- 10 -
6.Cloud-based features	- 11 -
6.1Gray-scale Upgrade	- 11 -
6.2 Domestic users binding to the cloud platform	- 11 -
6.3 Overseas Users Binding to Cloud Platform	- 14 -
7.Material Management	- 16 -
8.Program Management	- 17 -
8.1 Program Creation and Release	- 17 -
8.2Program Type Introduction	- 17 -
8.3 Button Function Guide	- 18 -
8.4 Program Import and Export	- 18 -
8.5 USB flash drive playback	- 18 -
8.6 Import and Play	- 18 -
9.Player Controls	- 19 -
9.1 Program Control	- 19 -
9.1.1 Playback Controls	- 19 -
9.1.2 Playback Screenshot	- 20 -
9.2 Screen Control	- 20 -
9.2.1 Brightness Control	- 20 -
9.2.2 Screen Settings	- 21 -
9.2.3Screen Test	- 21 -
9.2.4 Screen Mapping	- 21 -
9.3Device Control	- 21 -
9.3.1 Sound Control	- 21 -
9.3.2Video Source Control	- 21 -
9.3.3 Edit Name	- 21 -
9.3.4 Storage space	- 21 -
9.3.5Wireless Network Setup	- 22 -
9.3.6 Wired Network Setup	- 22 -

9.3.7 Time Configuration	- 22 -
9.3.8 Device Restart	- 22 -
9.3.9 Language	- 22 -
9.3.10Standby screen	- 23 -
9.4Device Upgrade	- 23 -

Shenzhen Mooncell Electronics Co.

1.Record

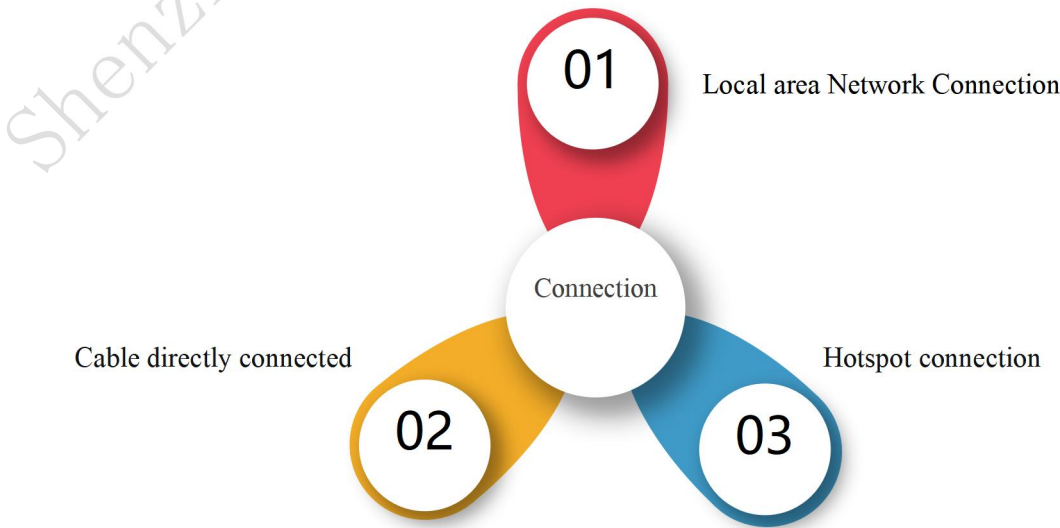
File Version	Release Time	Update Record
V4.0	August 21, 2025	First Release

2.Applicable Models

Device Models	Firmware Version	Broadcast Control Version
MP2	2025-07-24	HallPlayer4.0.18
MP4	2025-07-29/2025-08-05	HallPlayer4.0.18
MP401	2025-07-25	HallPlayer4.0.18
MB2	2025-07-28	HallPlayer4.0.18
MC75E	2025-07-23	HallPlayer4.0.16
MBR16	2025-07-23	HallPlayer4.0.16

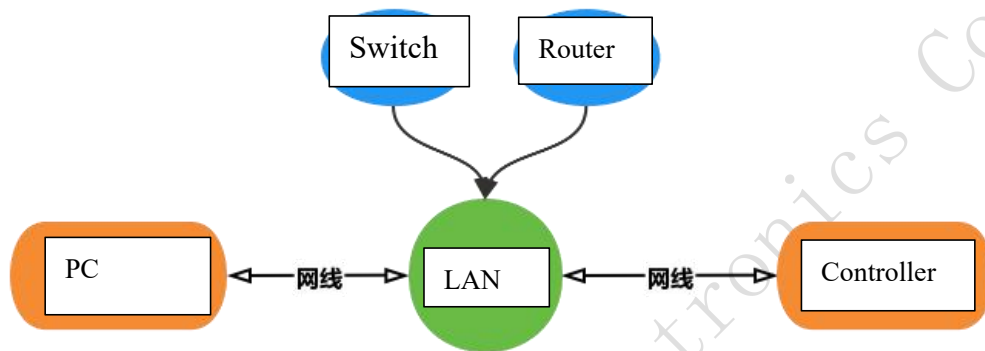
3 Connection Method

The Asynchronous Controller supports three communication connection methods: LAN connection, direct Ethernet connection, and Wi-Fi hotspot connection.



3.1 Local Area Network Connection

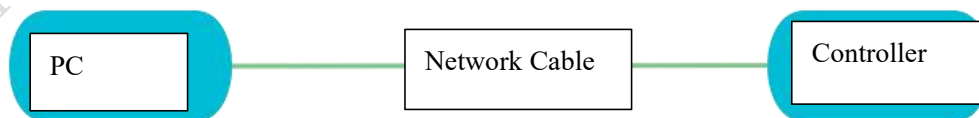
Connect your computer and MB device to the same local area network (e.g., both connected to the same router). Set their IP addresses to the same subnet. The software will automatically detect all devices on the same LAN as your computer. Simply click [Login] for the device.



3.2 Direct Ethernet Connection

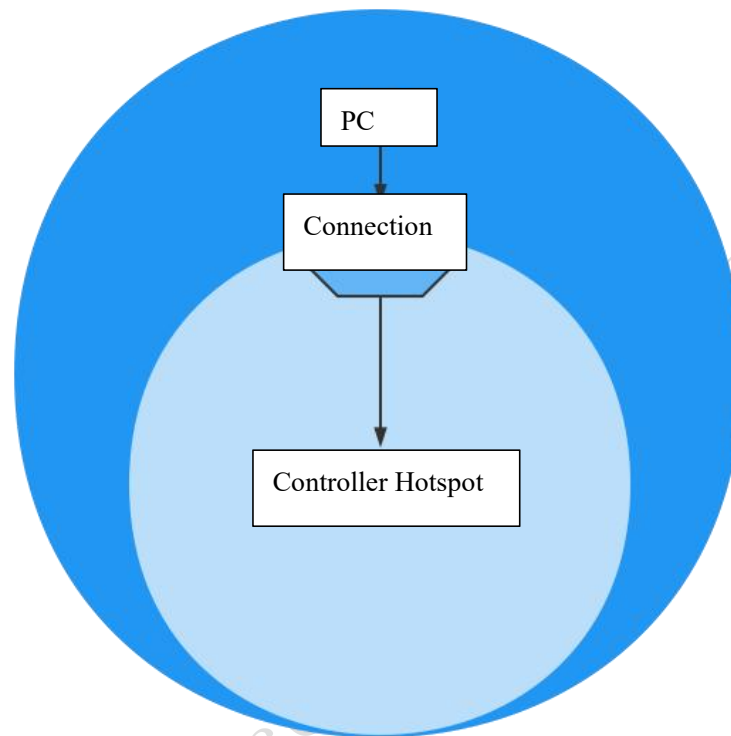
Direct Ethernet Connection: Connect the computer directly to the device's Ethernet port using an Ethernet cable.

1. Dynamic DHCP Mode: Set the computer's IP to obtain automatically. Open the software on the laptop; it will automatically detect the device. Click [Login] on the device.
2. Static IP Mode: Set your computer's IP address to be within the same subnet as the media player. Launch the software on your laptop; it will automatically detect the device. Click [Login] on the device.



3.3 Hotspot Connection

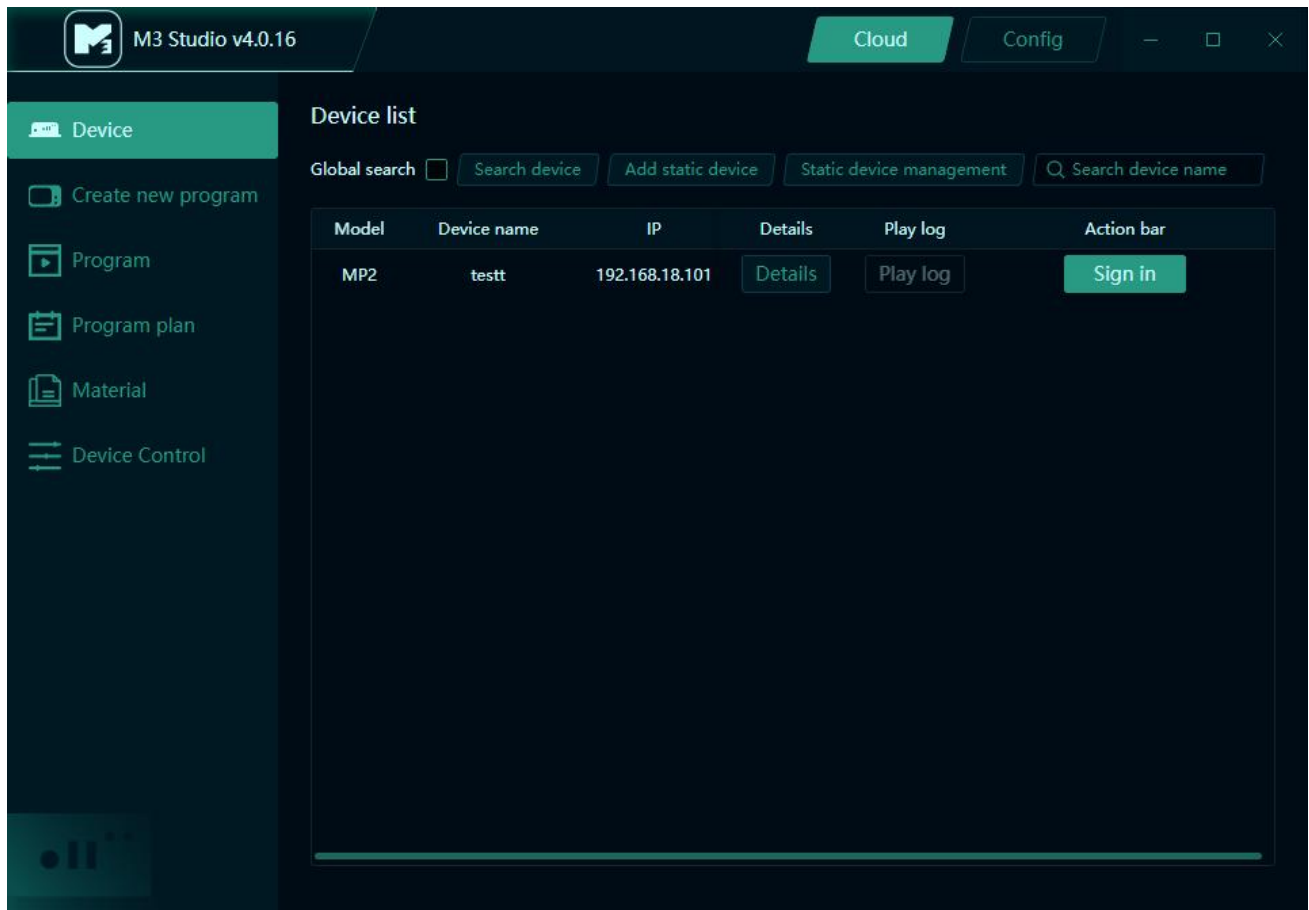
Connect your laptop to the device's hotspot (default password: 12345678). Then open the software on your laptop. The software will automatically detect the device. Click [Login] on the device.



4 Quick Start Guide

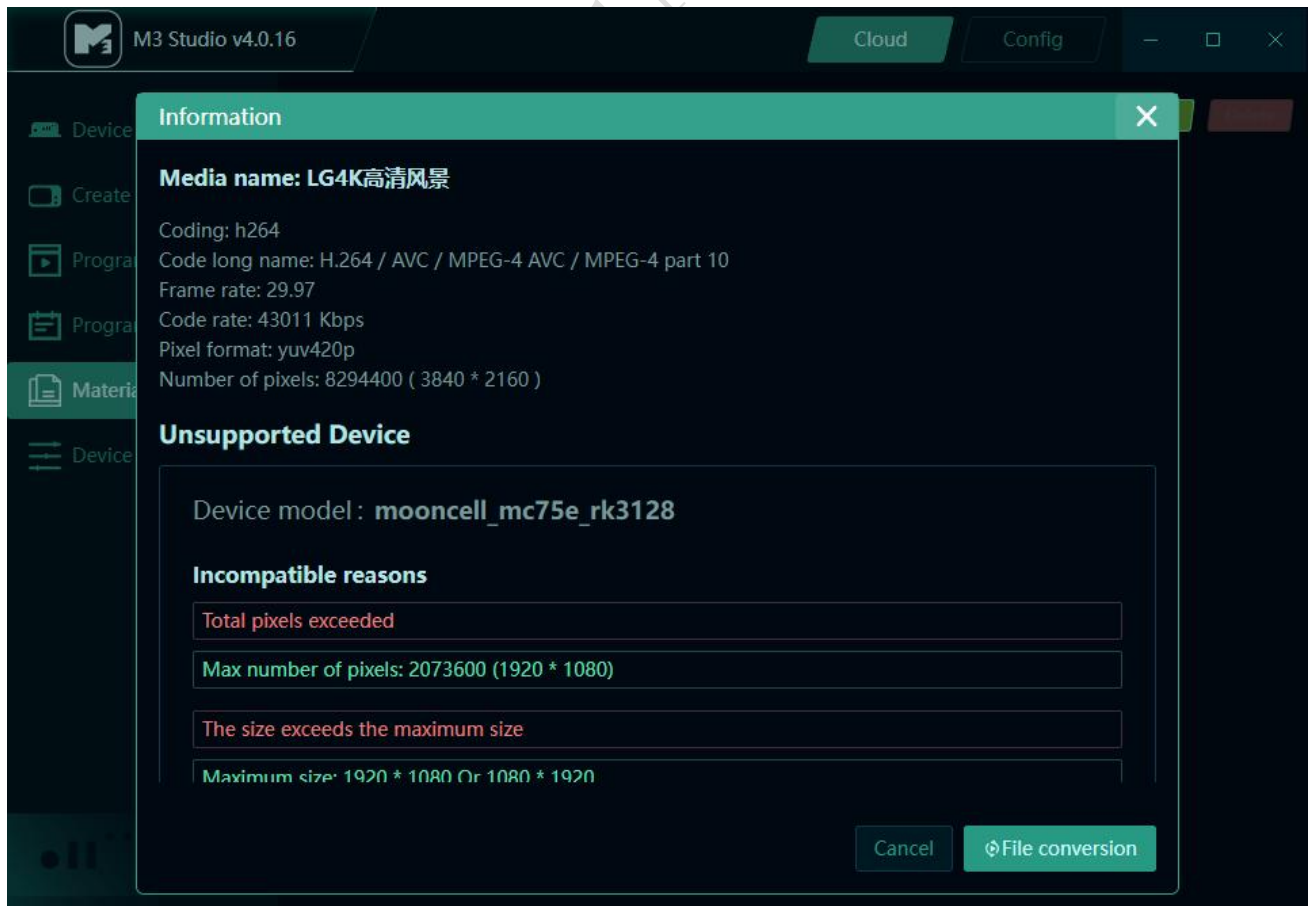
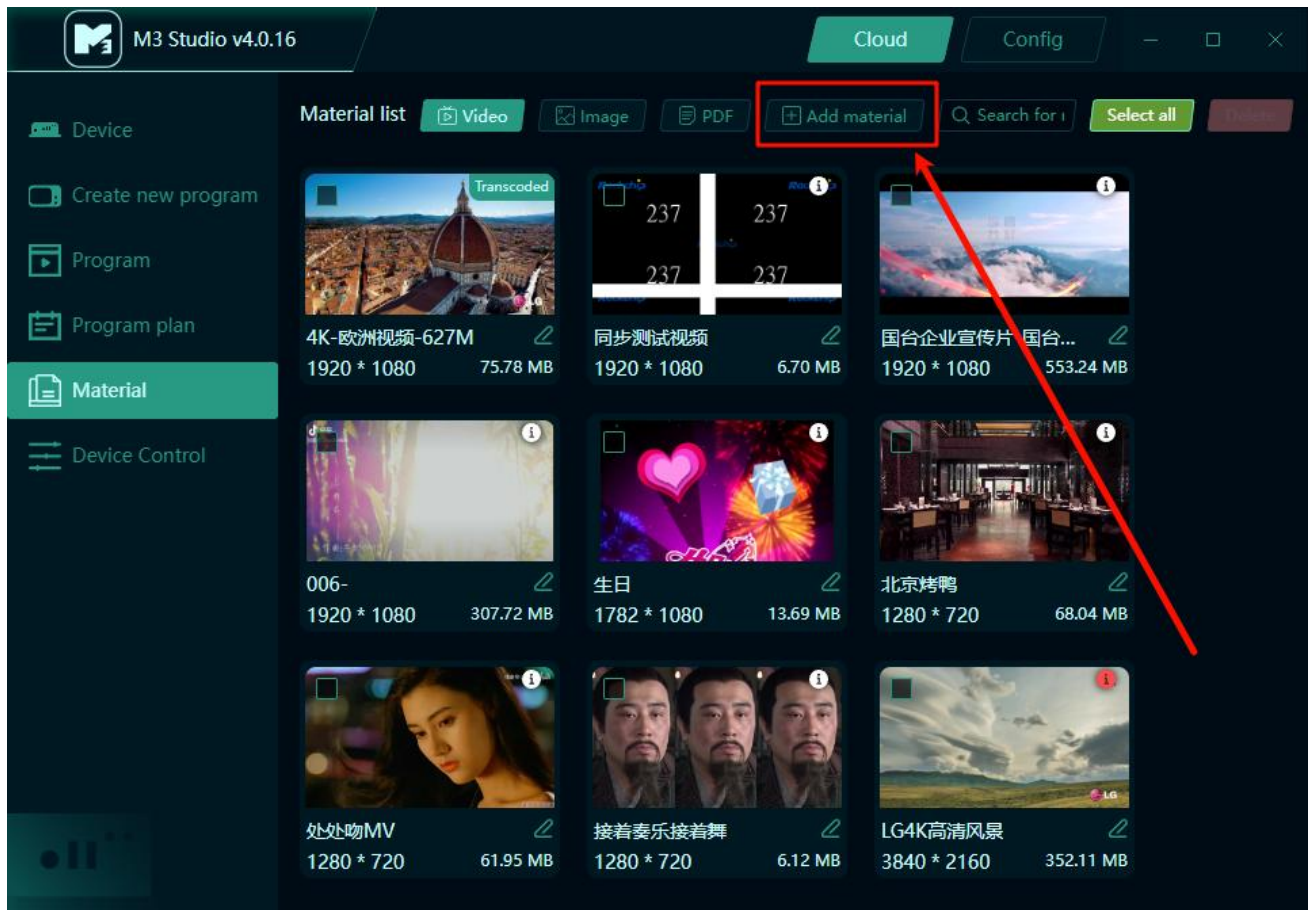
4.1 Login

1. Connect the media player (3 connection methods available).
2. Click the Search Devices button.
3. Click the Login button to log in to the device.



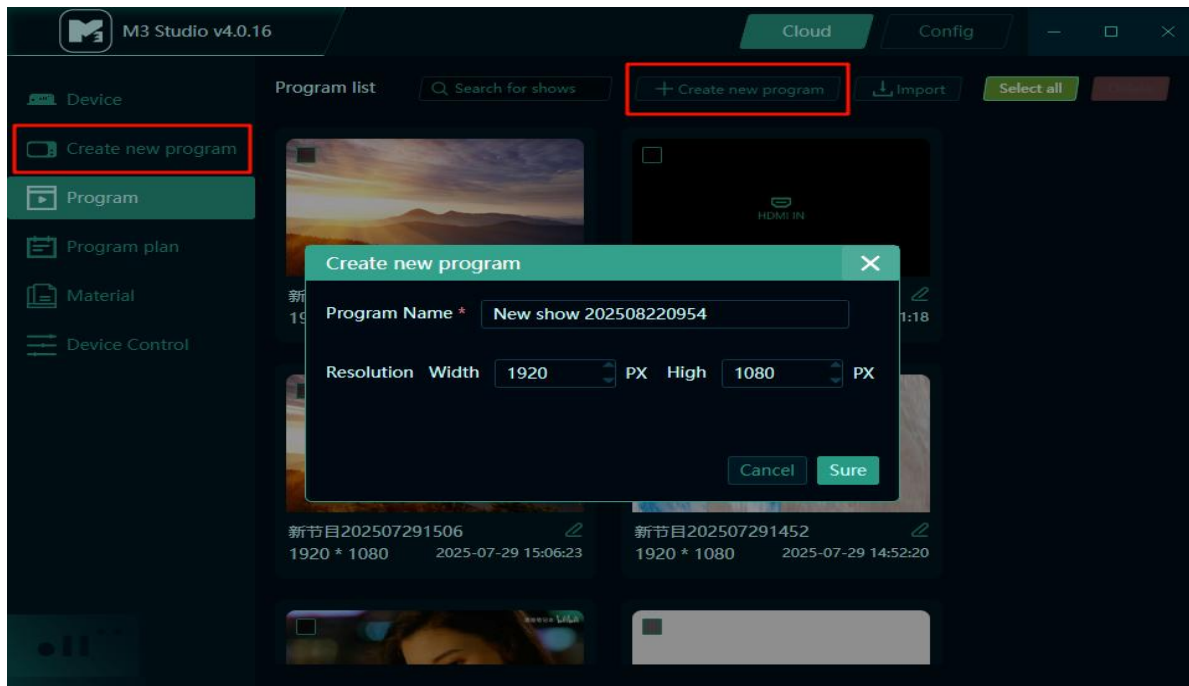
4.2 Upload Material

On the Materials Management page, click [+ Add Asset] to upload assets to the PC software storage. A white icon indicates the Material is normal, while a red icon indicates compatibility issues. Click the [i] icon to view details.

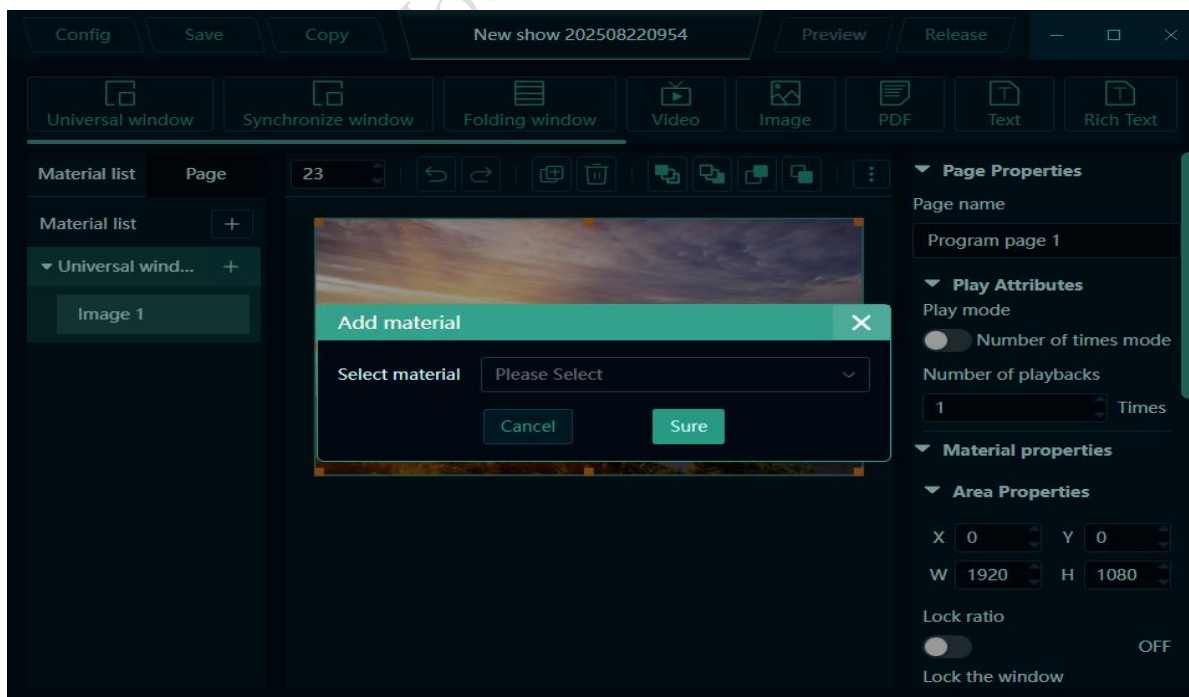


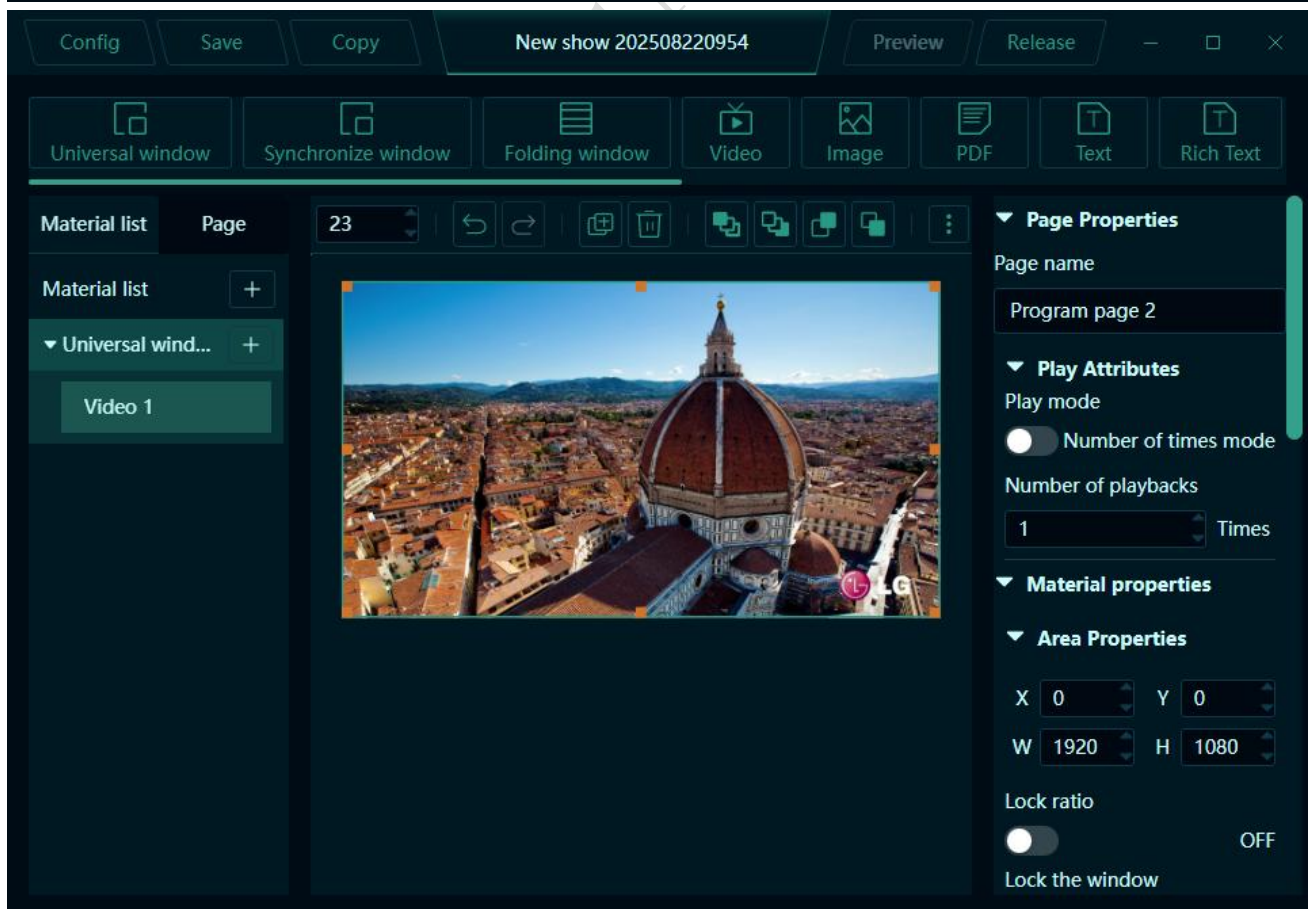
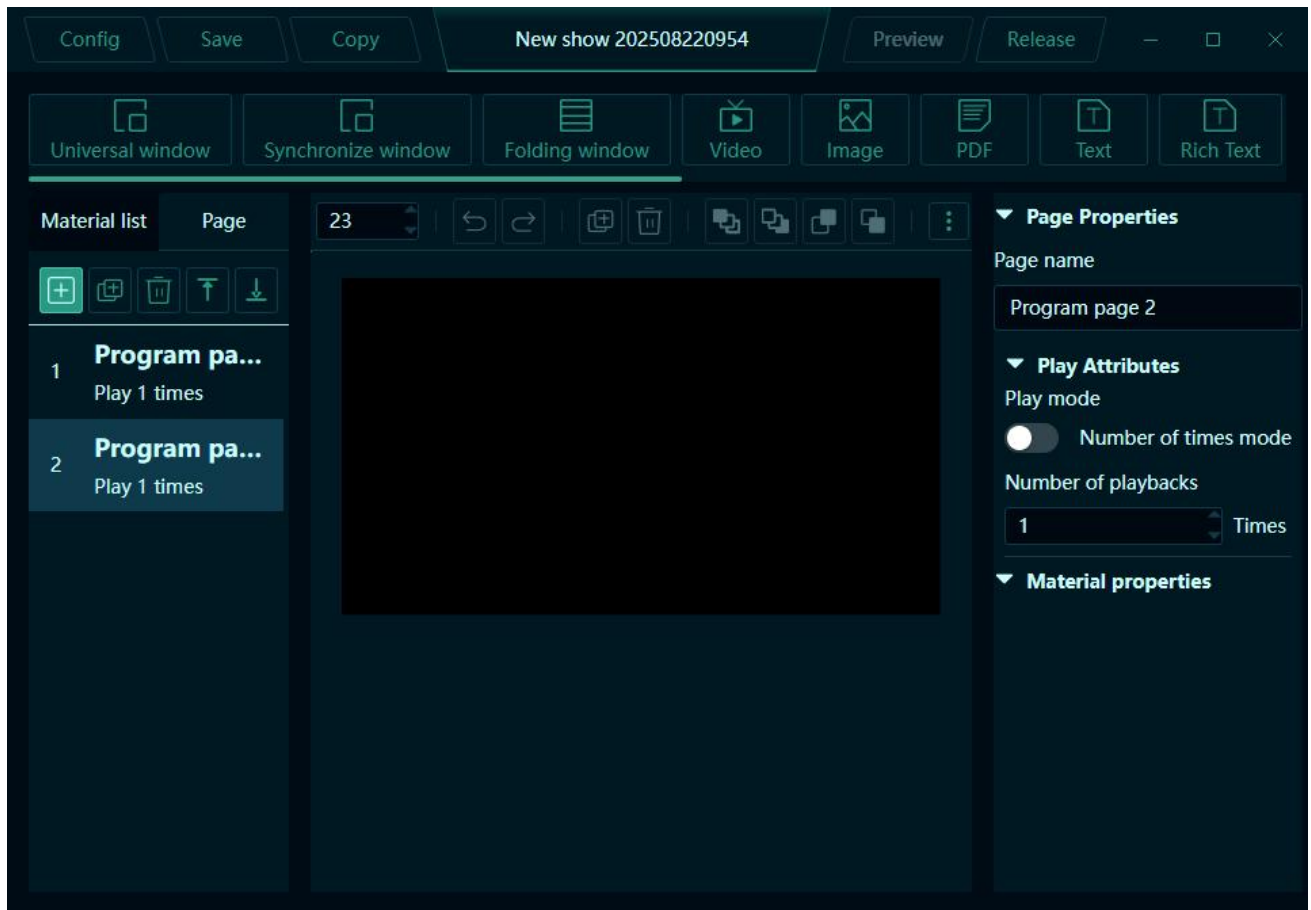
4.3 Release Program

1. Create a new program. Click the New Program sidebar or the [+ New Program] button to create a program. You can edit the program name and resolution size during the creation process.

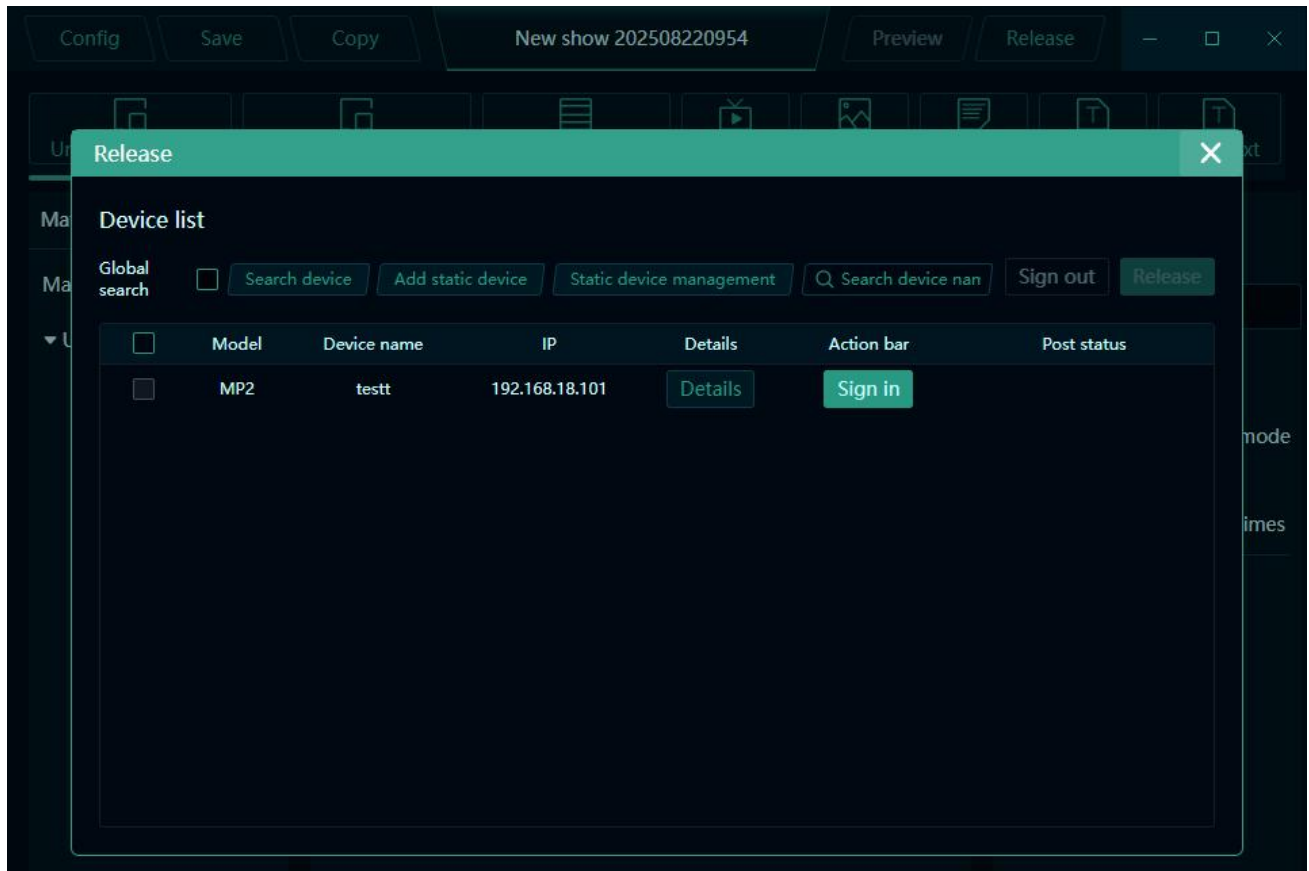


2. Edit the program. Add images in the General window on Program Page 1 and add videos in the General window on Program Page 2.





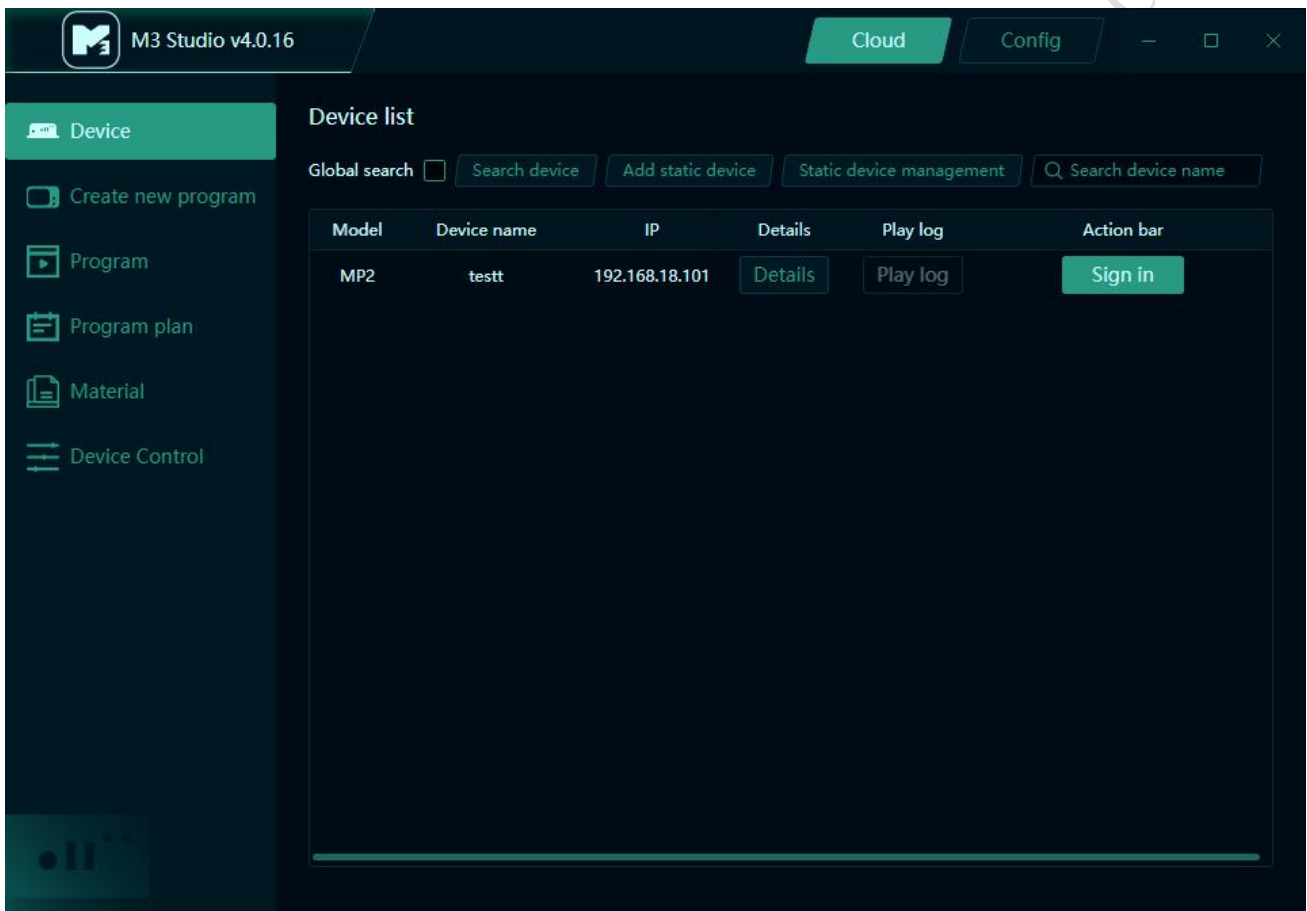
3. Publish the program. Click [Publish] to release the program (empty windows and empty program pages cannot be saved or published).



5. Terminal

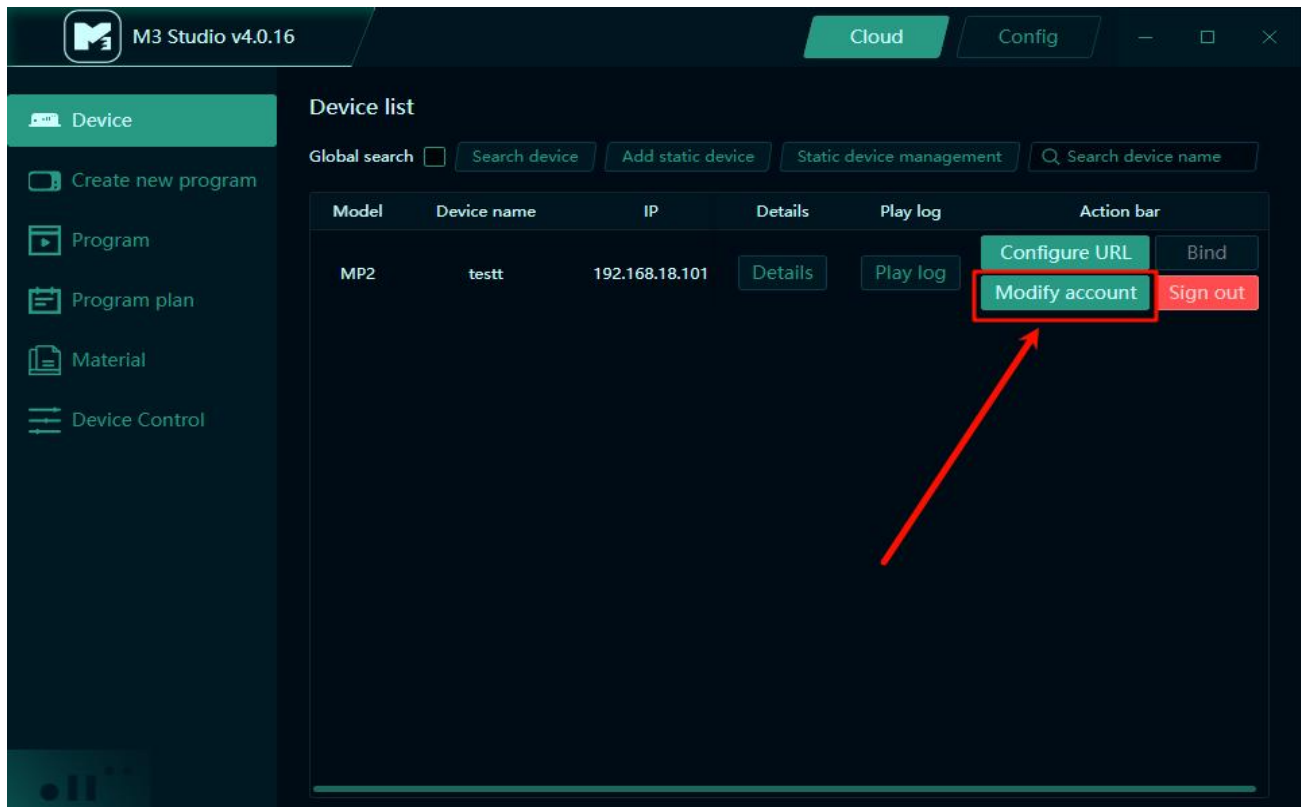
5.1 Login

Once the mobile device and equipment are successfully connected, all online devices will appear in the software. Click [Login] to complete the login process.



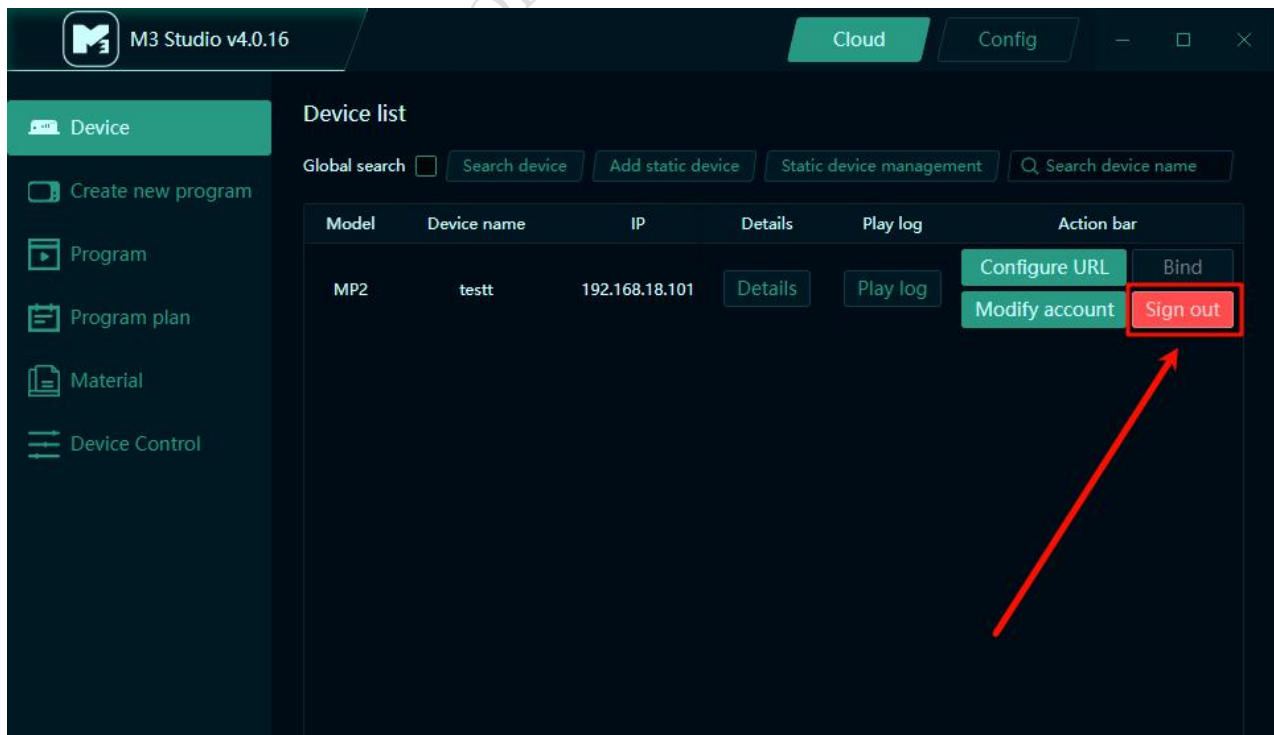
5.2 Modify Account Password

Click Modify Account, edit account/password, then click Confirm to complete the changes. [Note: The default account and password are both admin.]



5.3 Log Out

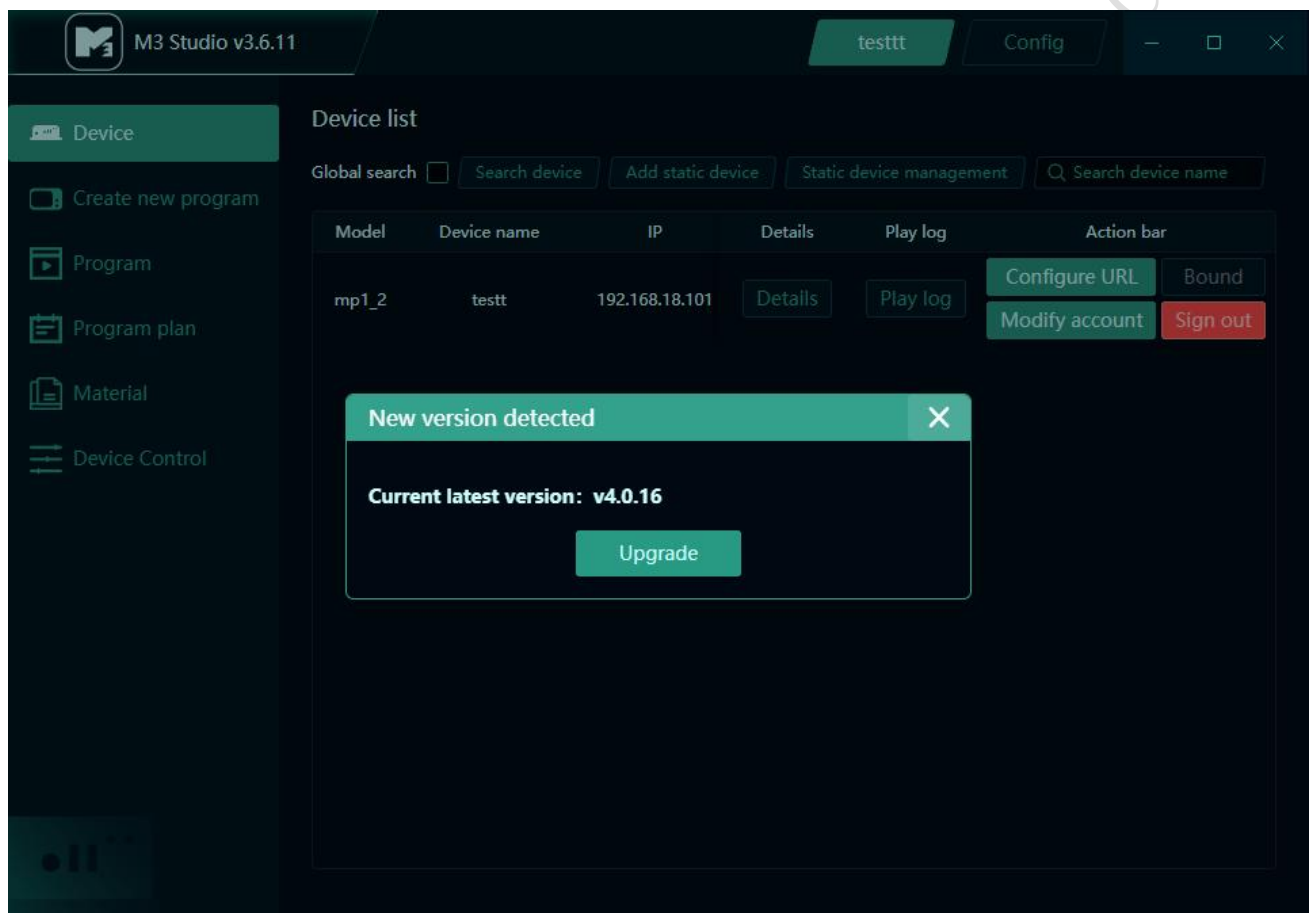
Click Logout, then click confirm to successfully log out.



6.Cloud-based features

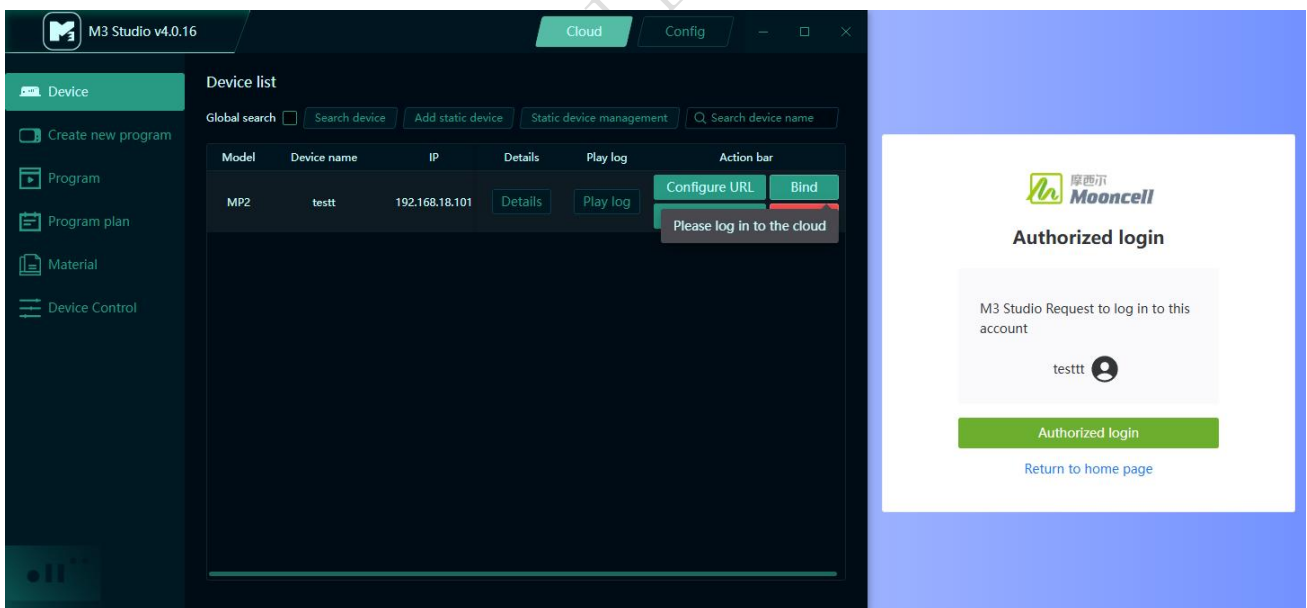
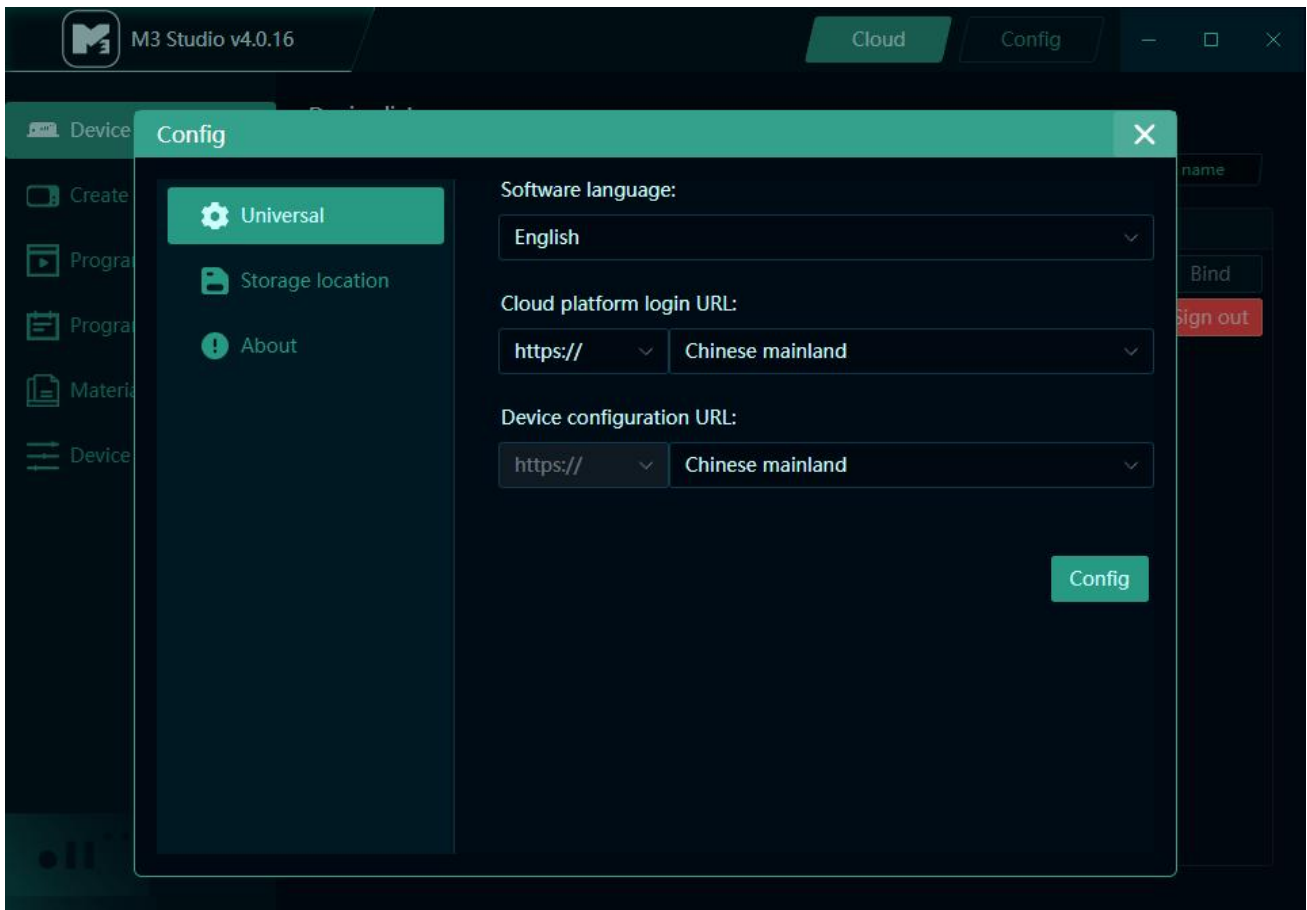
6.1Gray-scale Upgrade

The gray-scale upgrade feature enables online version updates for PC software. When a new version of M3 Studio software is detected, click the [Upgrade] button to update the PC version online.



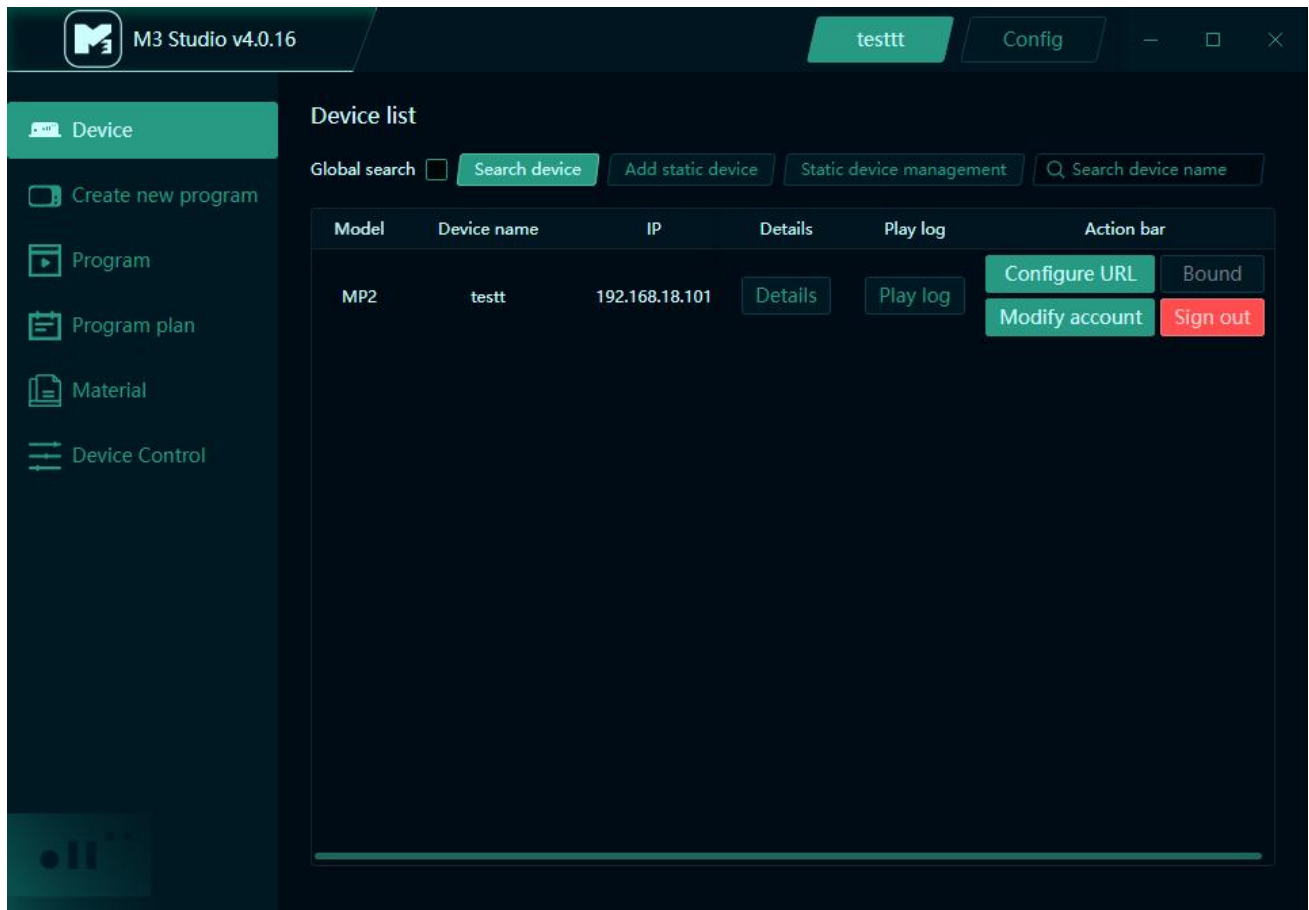
6.2 Domestic users binding to the cloud platform

1. Open the cloud platform website at <https://player.mooncell.cloud/> and log in to your account.
2. Click Settings to change both the cloud platform URL and device configuration URL to Mainland China. On the PC software navigation bar, click the Cloud Login button to authorize access.

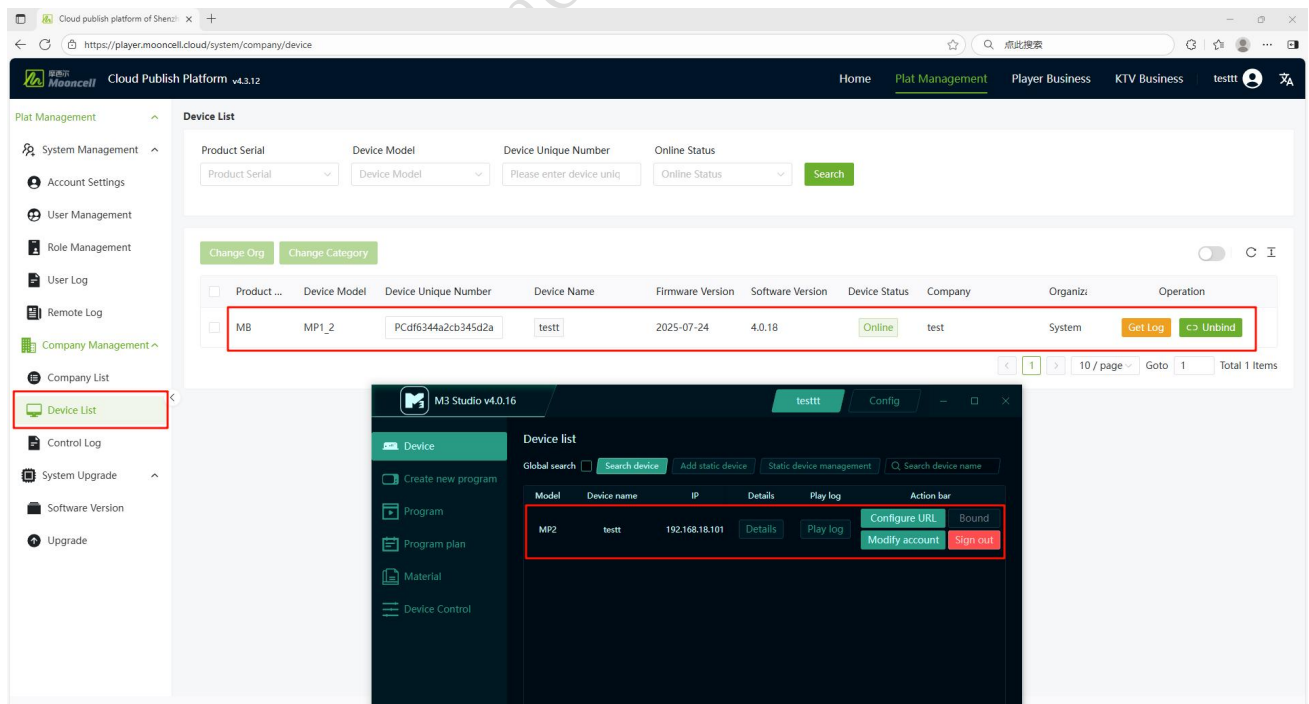


3. After authorized login, the PC software navigation bar displays the cloud platform account name.

4. Click the Bind button to complete binding; the button will change to show “Bound.”

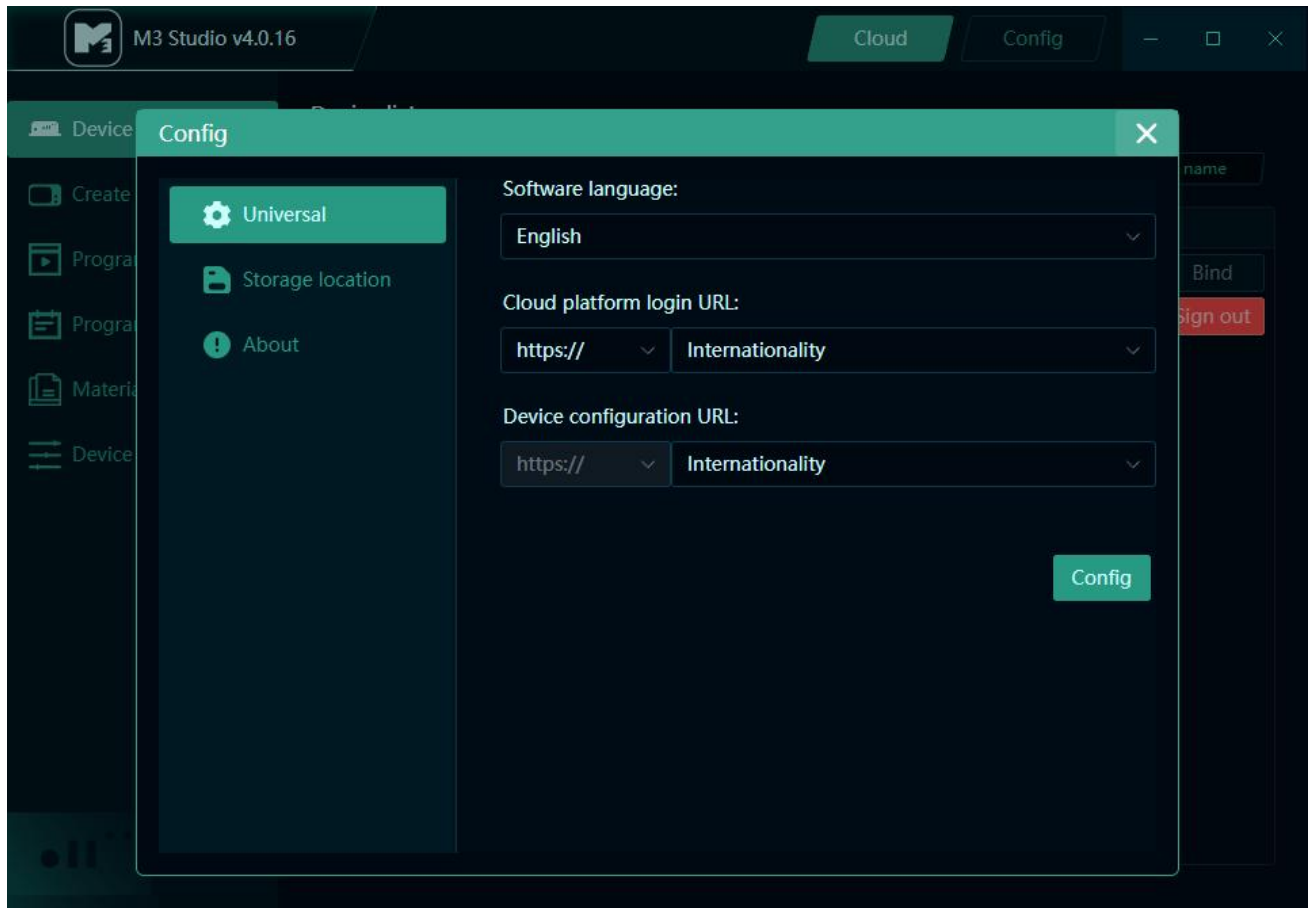


5. View devices in the cloud platform's device list. Users can control devices via the cloud platform.

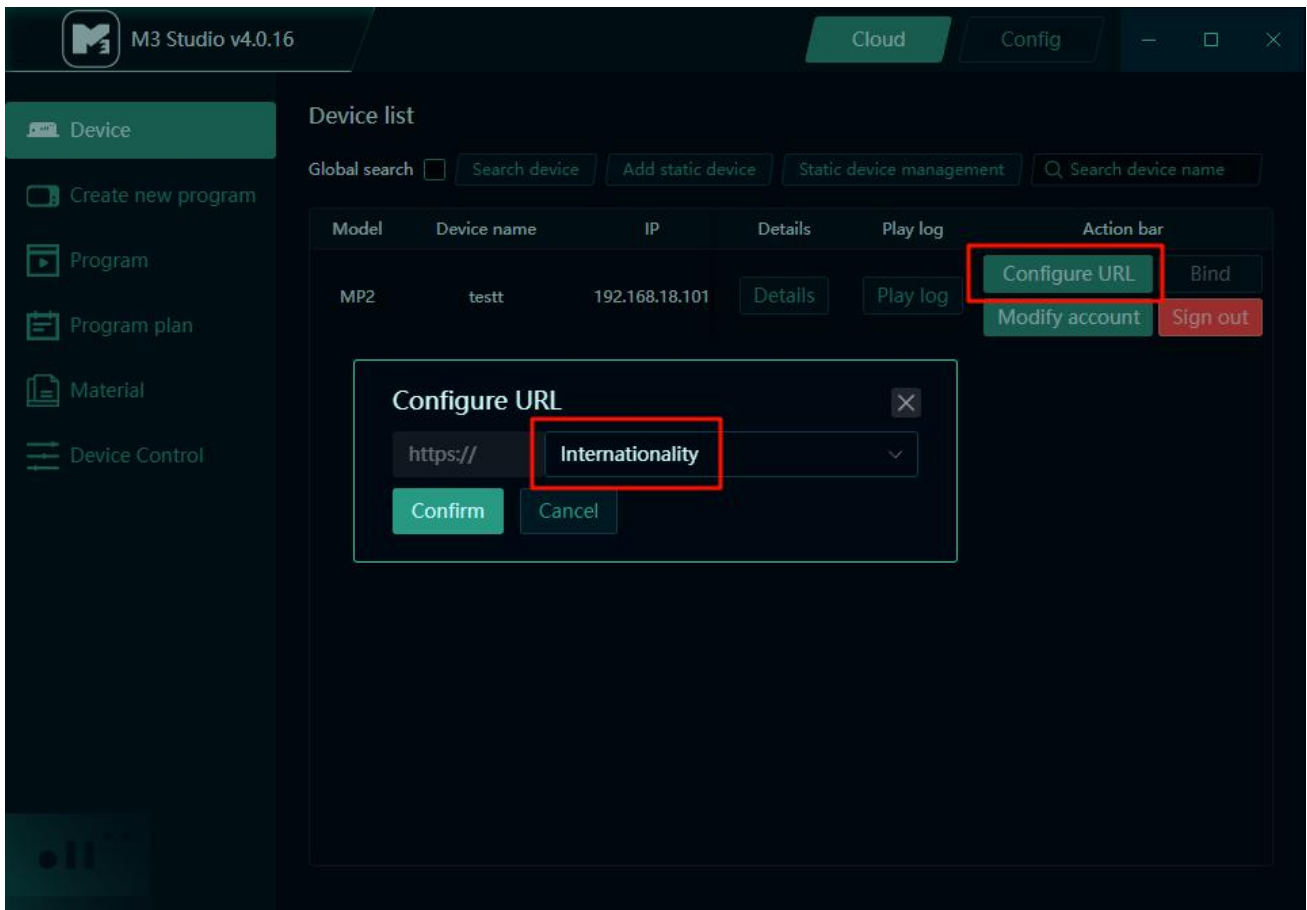


6.3 Overseas Users Binding to Cloud Platform

1. Open the Overseas Cloud Platform website and log in to your account.
2. Click Settings to change both the Cloud Platform URL and Device Configuration URL to the international version.



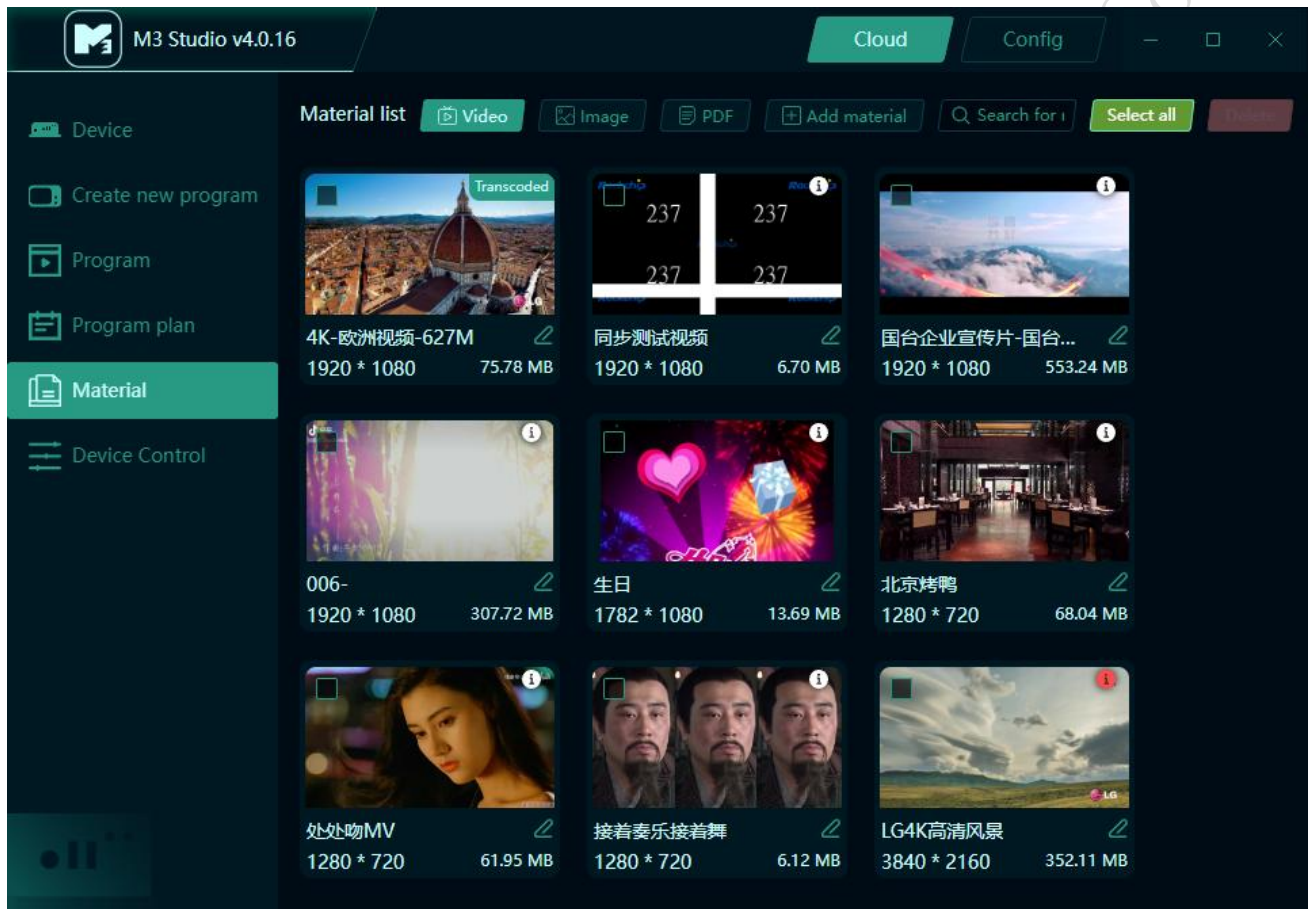
3. Click the Cloud Login button in the PC software navigation bar to authorize access.
4. After authorization, the PC software navigation bar will display the cloud platform account name. Change the device configuration URL to the international version.



5. Click the Bind button to complete the binding process. The Bind button will change to show as Bound. The device will appear in the Cloud Platform's device list. Users can now control the device via the Cloud Platform.

7. Material Management

1. Click [+ Add Media] to add videos, images, or PDF files. A white icon indicates the media is compatible, while a red icon indicates compatibility issues. Click the [i] icon in the upper-right corner of the thumbnail to view unsupported devices and reasons for incompatibility. Click [File Conversion] to transcode the file.



2. Click the Edit button to modify the material name. Asset preview is supported.

8. Program Management

8.1 Program Creation and Release

On the Program Management page, click the New Program button to create a program. You can edit the program name and resolution size during the creation process. After editing the program, click the Publish button to send the program to the designated device.

8.2 Program Type Introduction

Program types include: Video, Image, Document, Text, Rich Text, Digital Clock, Analog Clock, Weather, Webpage, Sensor, Timer, Streaming Media, HDMI IN.

Video: Add video programs, supports editing basic video properties.

Image: Add image programs, supports editing basic image properties.

Document: Add PDF files, supports editing basic PDF properties.

Text: Add text programs with support for editing basic text properties.

Rich Text: Supports playback of rich text programs.

Digital Clock: Displays a digital clock with support for editing basic digital clock properties.

Analog Clock: Displays an analog clock with support for editing basic analog clock properties.

Weather: Displays real-time weather conditions for the region.

Webpage: Display the Mosier official website, supporting webpage path editing.

Sensor: Supports temperature and humidity sensors, displaying current environmental readings.

Timer: Timer program supporting both count-up and countdown modes.

Streaming Media: Supports streaming media playback.

HDMI IN: Supports up to one HDMI IN source per screen; MP4 files support HDMI IN program playback.

8.3 Button Function Guide

Edit: Edit the program's properties.

Save: Save the current program's properties.

Save As: Save the current program's properties and create a copy for separate editing.

Publish: Publish the current program.

Preview: Preview the current program.

Settings: Configure the current window size. Default window size is 1920×1080.

X, Y, W, H: Window coordinates (X, Y), window width and height (W, H).

Universal/Fold/Sync Window: Add components and modify properties of the current subwindow.

8.4 Program Import and Export

Program export and import functions allow you to use completed programs on another PC. They can also be imported and played from a USB drive.

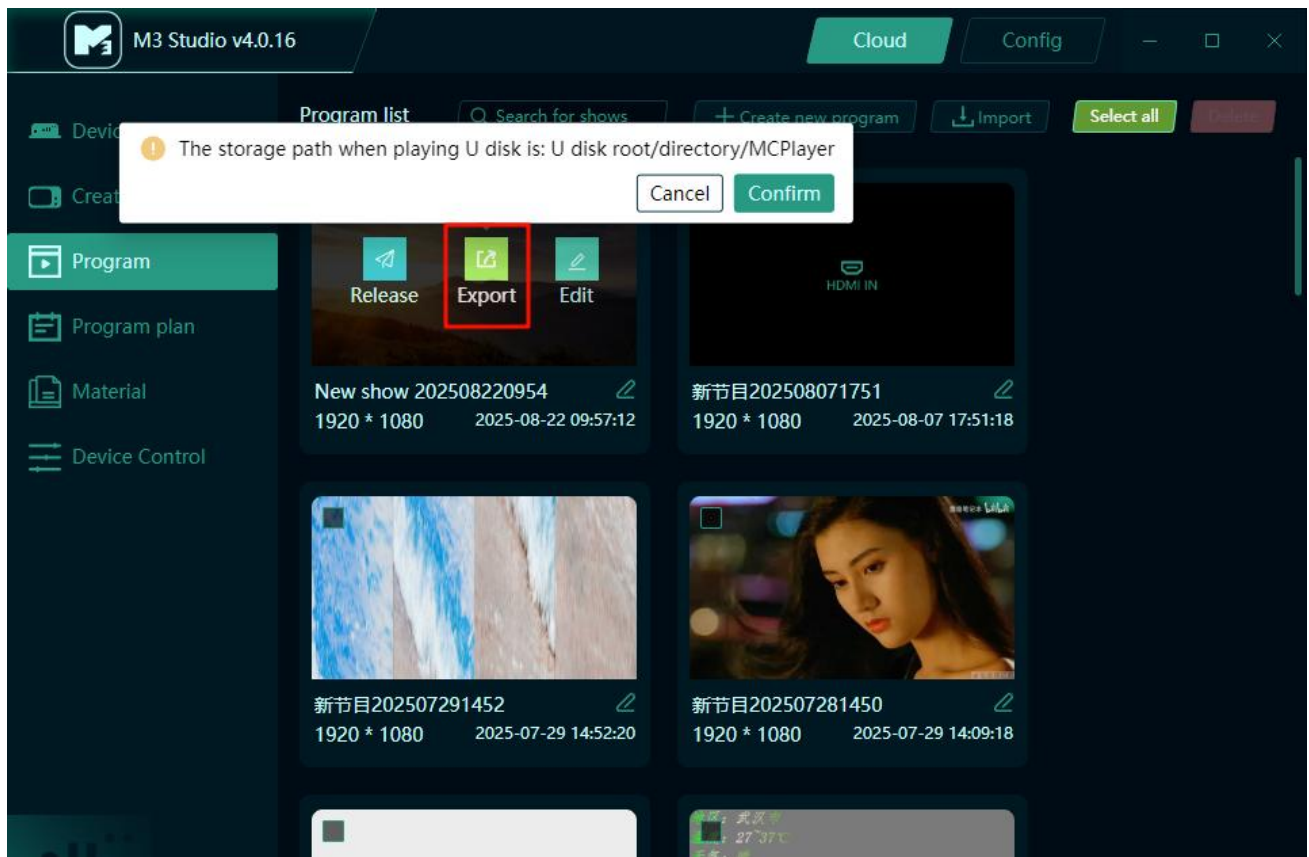
1. Program Import. Click “Program Export” to export the program. The file name will be MCPlayer.
2. Program Export. Click “Program Import,” select the MCPlayer folder, click “Open,” and the import will be successful.

8.5 USB flash drive playback

Place video/image files in the root directory of the USB drive. The device will automatically detect the USB drive and begin playing its contents.

8.6 Import and Play

Place the MCPlayer folder containing the exported program files in the root directory of the USB drive. The device will begin playing the imported program content. When the USB drive is removed, the player will continue playing the original video content.

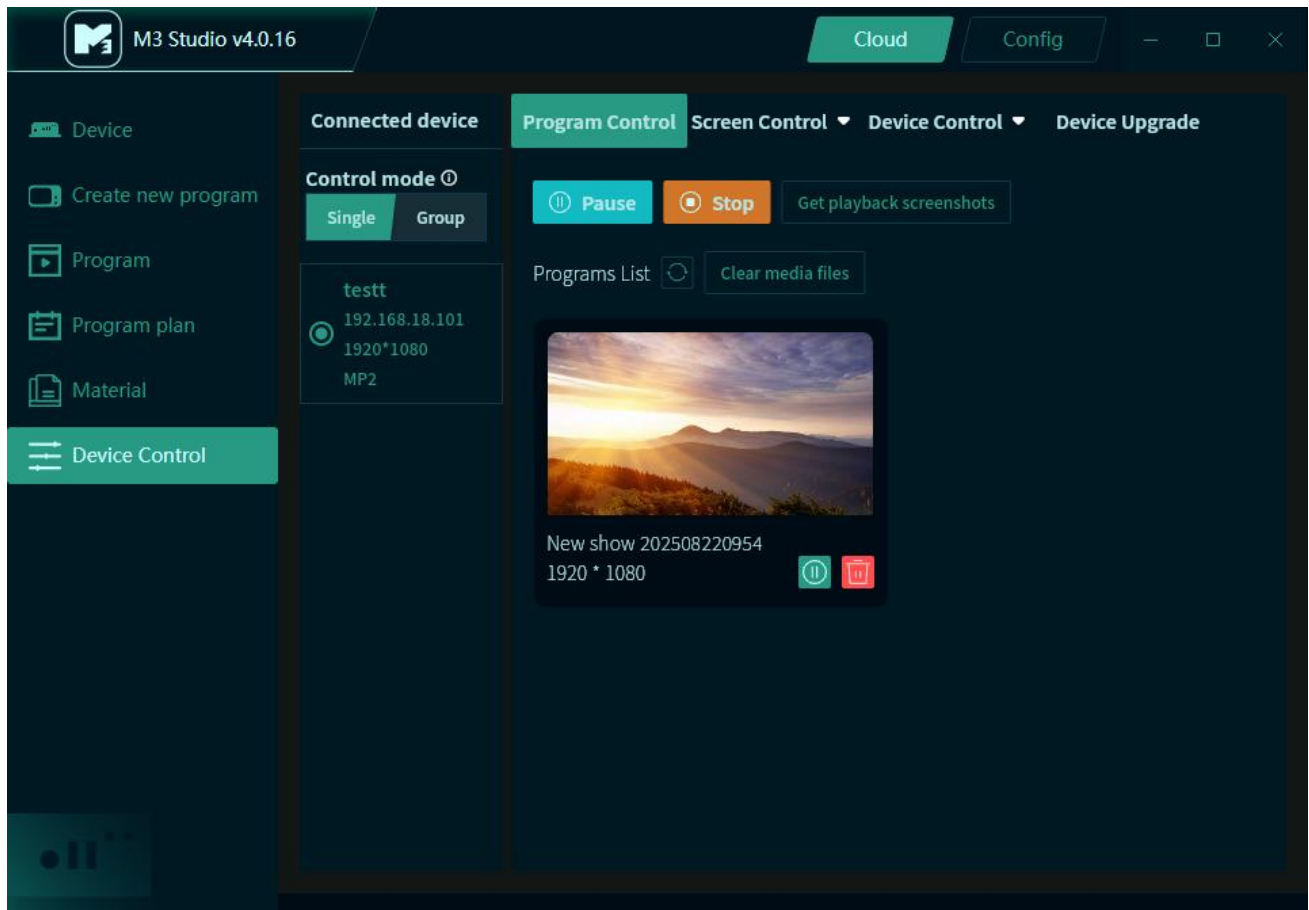


9. Player Controls

9.1 Program Control

9.1.1 Playback Controls

1. Pause: Freezes the video playback frame.
2. Stop: Returns the display to the default three-color ball screen.
3. Program List: Displays previously played programs in a list format.
4. On-Demand: Allows on-demand playback of past programs. Click again to pause/resume the current program.
5. Delete: Removes the program.



9.1.2 Playback Screenshot

Display the playback screen showing the device's current time.

9.2 Screen Control

9.2.1 Brightness Control

For adjusting the brightness of LED screens, the operating software allows selection between manual and automatic brightness control.

1. Manual Brightness: Set the value, click to execute, and the LED screen brightness is adjusted successfully.
2. Automatic Brightness: The operating software cannot adjust the LED screen brightness; the device will automatically adjust the LED screen brightness based on the ambient light detected by the light sensor.
3. Scheduled Brightness: You can set specific times to change the brightness of the LED screen.

9.2.2 Screen Settings

1. Screen Control: Simultaneously control the LCD display and LED screen to turn on and off.
2. Power Control: Control the power on/off function of the multifunction card.

9.2.3 Screen Test

Testing screen color display accuracy and image quality through different colors or lines facilitates screen manufacturers' production aging processes.

9.2.4 Screen Mapping

Simple Display Connection: X-coordinate, Y-coordinate: Coordinates of the starting position for capturing images via the network port. Set the starting point X-coordinate and Y-coordinate (positive integers), with width and height representing the image capture dimensions.

9.3 Device Control

9.3.1 Sound Control

You can adjust the volume of the program being played on the device by dragging the “Volume” slider left or right, or by increasing or decreasing the value, then clicking [Apply].

9.3.2 Video Source Control

1. Screen Resolution: Select the screen resolution, click Execute to change the resolution for the program being played.
2. Synchronous/Asynchronous Switch: Click Android, then click Execute to switch to synchronous mode, enabling playback by sending the program. Click HDMI, then Execute to enable HDMI input synchronous signal playback.

9.3.3 Edit Name

Automatically reads the device name and allows modification of the device name.

9.3.4 Storage space

Read the storage information of the currently selected device: available memory and total space.

9.3.5 Wireless Network Setup

1. Tap to turn on Wi-Fi, select a hotspot, enter the password, then tap Connect to join the network.
2. Tap to turn on the hotspot, enter the hotspot name and password, then tap Apply to update the hotspot settings.

9.3.6 Wired Network Setup

Wired network configuration supports both manual and automatic modes, with the software defaulting to automatic mode.

1. Manual mode involves setting a fixed IP address for the media player. Enter the IP address, subnet mask, and default gateway, then click [Execute]. The settings take effect upon the “Execution Successful” prompt. [Note: When connecting multiple devices to the same router, ensure no other device or media player occupies the same IP address. It is best to enter the IP address automatically obtained by the media player.]
2. Automatic mode allows the media player to obtain an IP address automatically from the router. IP addresses assigned in automatic mode are random and may change.

9.3.7 Time Configuration

Configure the time and date for the media player system's operation, with options for automatic or manual time settings. Set the time zone for the media player system's operation, with options for automatic or manual time zone settings. In automatic mode, the media player requires an internet connection. In manual mode, after setting the time zone and clicking “OK,” the setting takes effect upon displaying the “Set successfully” prompt.

9.3.8 Device Restart

1. Restart Now: Select the connected device to perform a system restart. Click [Restart Now] to immediately reboot the device.
2. Scheduled Restart: Enable scheduled restart, set the time, and execute. The media player will automatically restart at the specified time.

9.3.9 Language

The language can be switched between Simplified Chinese and English.

9.3.10 Standby screen

The standby screen offers a choice between a three-color ball or a black screen.

9.4 Device Upgrade

1. System Upgrade: Verify the ZIP file against the device and install the correct files.
2. APK Installation: Install the APK file.
3. Factory Reset: Restore the device to factory settings.

Shenzhen Mooncell Electronics Co.



▶ WeChat Official Account Platform

Company address: Mooncell Building, the third industrial zone of Baoshi South Road, Shiyan Street, Baoan District, Shenzhen.

Tel: 400-881-3531

Website: www.mooncell.com.cn