

AI Sports Live Streaming Assistant

Live Streaming Quick Guide V3.0

I. Software Installation

1.1 System Requirements

Live streaming demands high computer specifications. For smooth operation, we recommend the following configuration:

Operating System: Windows 10

CPU: i5-7600 or higher

RAM: 8GB or higher

Graphics Card: NVIDIA GeForce GTX 1050 or higher

If using the AI Sports Live Assistant's local camera feature, your computer must also install the corresponding PC software for the live streaming platform, such as Tiktok's Live Companion, Kuaishou's Live Companion, or Bilibili's Live Companion. Additionally, your computer's performance must meet the configuration requirements for running these software applications.

1.2 Software Installation

Disable your computer's antivirus software to prevent it from interfering with the software installation.

Double-click the AI Sports Live Assistant installation package and follow the prompts to complete the installation.



Figure 1.1 AI Sports Live Streaming Assistant Software Interface

II. Software Installation

2.1 Camera Connection

Connect the AI SHANG sports camera to your computer directly with an Ethernet cable (as shown in Figure 2.1) or to a switch (as shown in Figure 2.2) to establish a local area network.

The computer must be connected to a stable internet connection with a speed of 100 Mbps or higher and be able to access the internet normally.

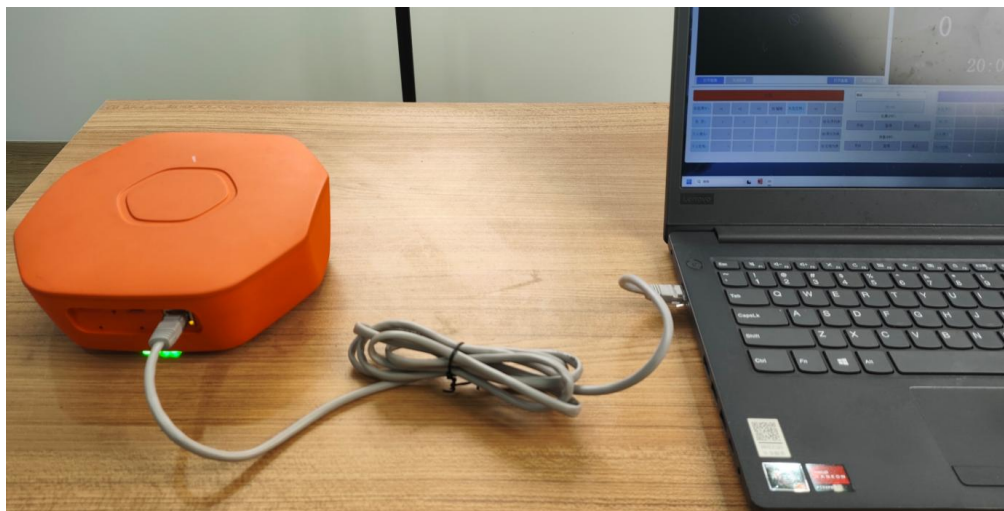


Figure 2.1 Network Cable Direct Method

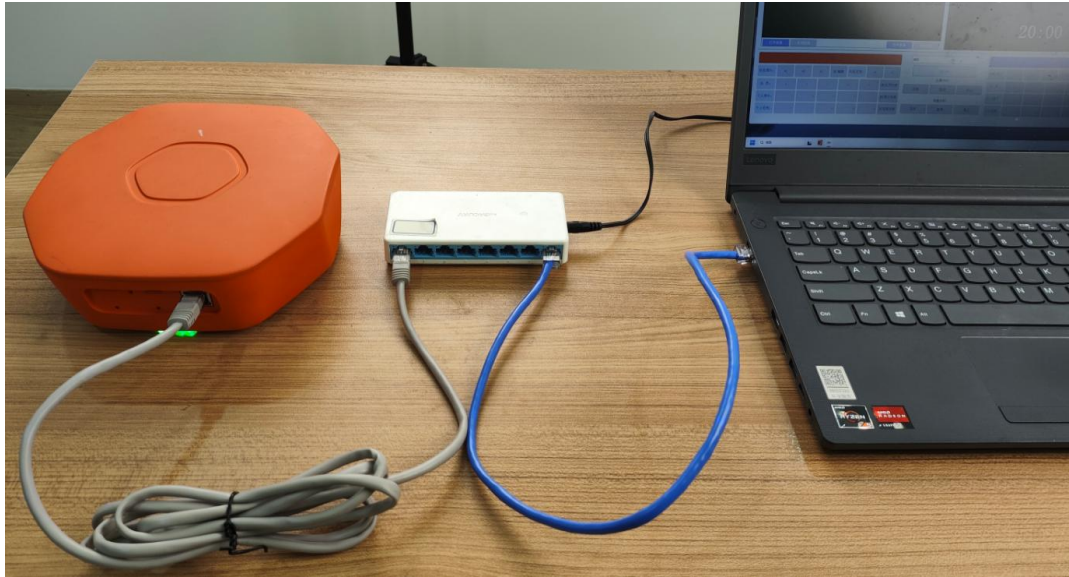


Figure 2.2 Switch Connection Methods

2.2 Network Configuration

The computer and camera must be on the same LAN and network segment for the computer to access the camera properly. If the computer and camera are connected via a switch, skip this step. If the computer and camera are directly connected via a network cable, you will need to change the computer's wired Ethernet network to a fixed IP address.

Follow these steps to modify the settings:

- 1) Open Network and Internet settings > Ethernet > Change Adapter Options > Ethernet

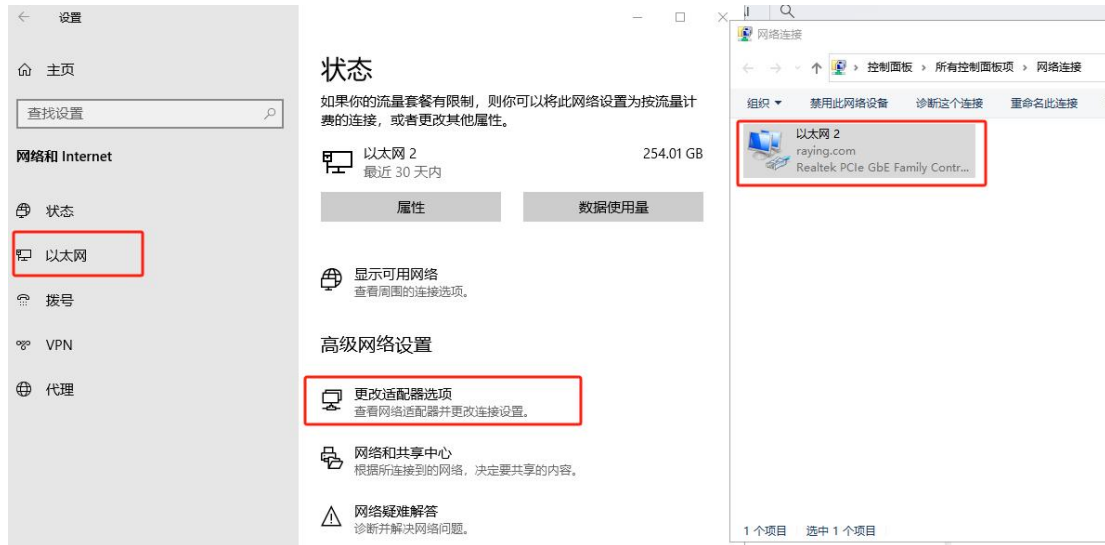


Figure 2.3 Accessing Computer Network and Internet Settings

2) Enter the computer's IP address configuration page. Set a fixed IP address and save. You can adjust the IP address parameters as needed.

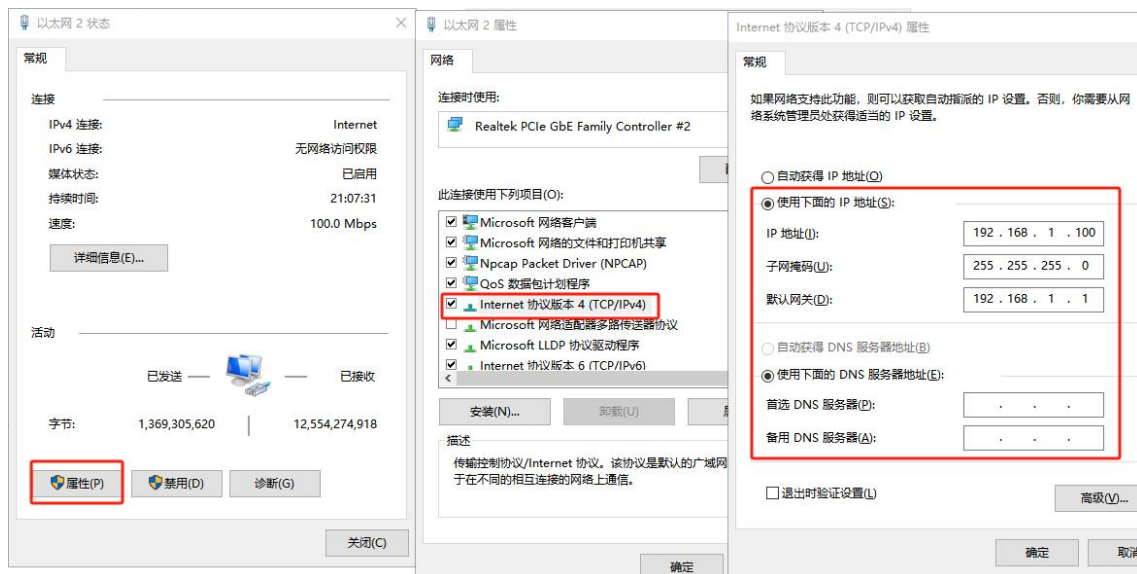
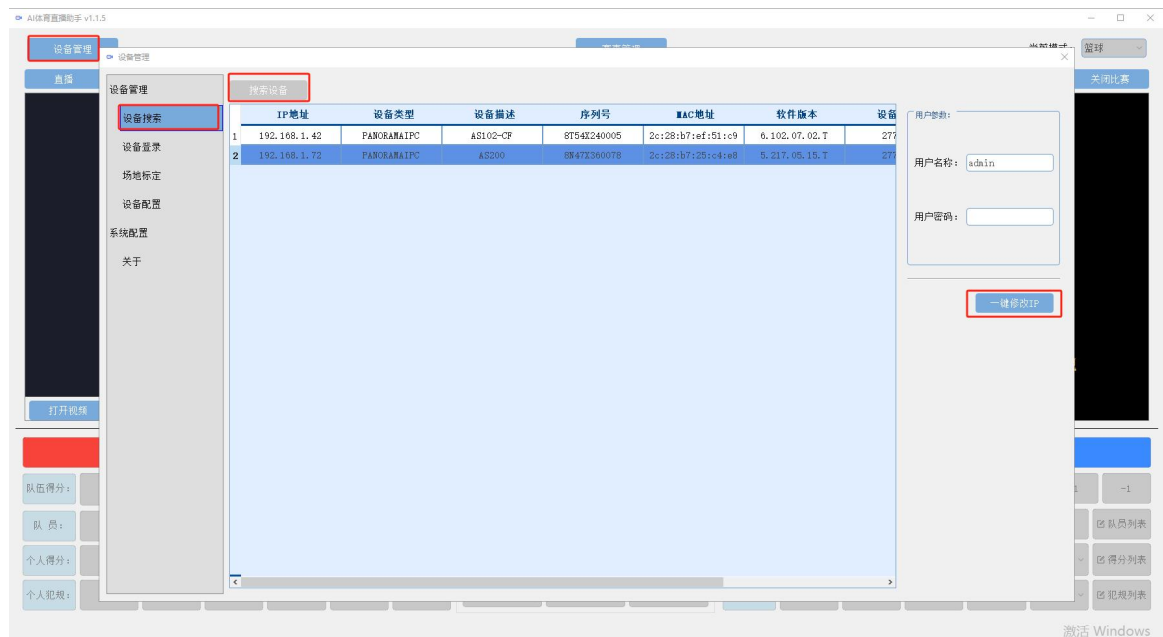


Figure 2.4 Setting the Computer IP to a Fixed IP Address

III. Software Operation

3.1 Searching and Modifying the Device IP

- 1) After the camera boots up, open the AI Live Assistant > Device Management > Search Devices.
- 2) Select the camera and click on the right to modify its IP address (default password: admin123). This completes the IP address modification. (The camera can only be accessed from the same network segment as the computer. If the camera's IP address and the computer's Ethernet IP address are on the same network segment, the modification is not necessary.)



3.2 Device Login and Streaming

- 1) Device Login » Enter camera IP address » Click “Device Connectivity Test”. A pop-up window will appear stating “Device Connection Successful” (as shown in Figure 3.2)
- 2) Select streaming method. Choose the appropriate streaming method based on the third-party live streaming platform selected:

- ① RTMP Streaming: Obtain the RTMP streaming address from the live streaming platform and enter it (as shown in Figure 3.3). These include video accounts, Bilibili, etc.
 - ② Local Camera Streaming: The computer must have the third-party live streaming platform's PC software installed, such as Tiktok Live Companion, WeChat PC Client, or Bilibili Live Companion.
- 3) After completing the entries, click “Apply” in the bottom-right corner.

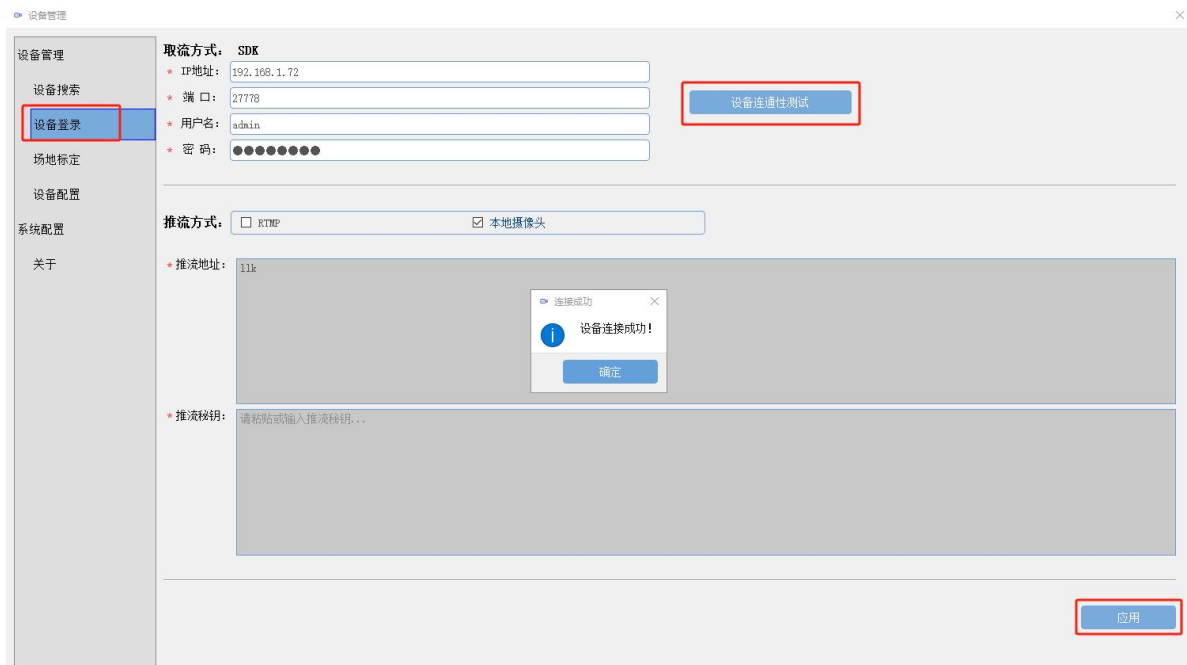


Figure 3.2 Device Login and Connection Continuity Test

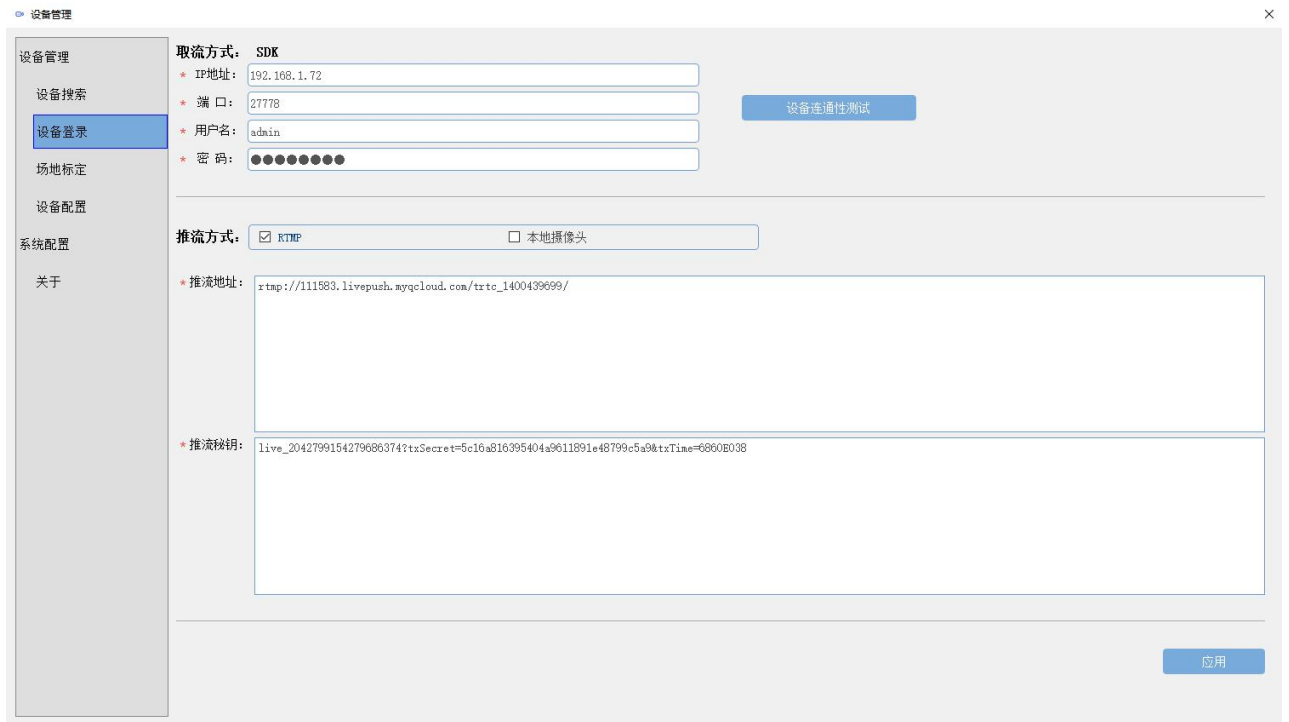


Figure 3.3 RTMP Push Streaming Address Entry

3.3 Field Calibration

1) Basketball Court Calibration (Basketball Edition)

- ① Enter Field Calibration » Calibration Type “Court Calibration” » Preview interface displays a snapshot of the current shooting view;
- ② While adjusting the camera angle, capture new snapshots of the current shooting view to ensure the camera captures the entire court without tilting, and align the vertical calibration reference line as closely as possible with the court's centerline;
- ③ Click the “Re-calibrate” button; sequentially right-click the top-left, top-right, bottom-left, and bottom-right corners of the basketball court;
- ④ Click “Apply Calibration” to complete the court calibration.

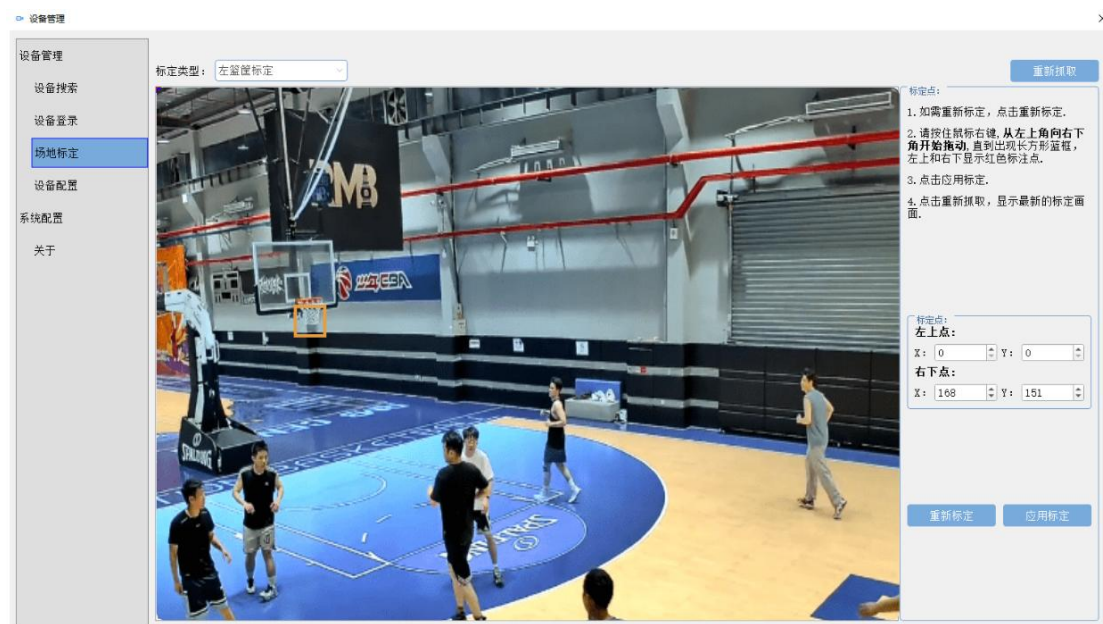


2) Basketball Court Left/Right Hoop Calibration (Basketball Version)

① Enter Field Calibration » Select "Left Hoop Calibration/Right Hoop Calibration" » The preview screen displays a snapshot of the current shot.

② Click the "Re-calibrate" button. Hold down the right mouse button and drag the drawing box from the upper left corner to the lower right corner, completely enclosing the basket and sizing it as closely as possible.

③ Click "Apply Calibration" to complete the field calibration.



3) Soccer Field Calibration (Soccer Version)

① Enter Field Calibration » Calibration Type "Field Calibration" » The preview screen displays a snapshot of the current shot.

② Adjust the camera angle while retaking the current shot, ensuring the camera captures the entire field without tilting, and that the vertical calibration reference line overlaps the field's centerline as much as possible.

③ Click the "Recalibrate" button; right-click the top left corner, top right corner, bottom left corner, and bottom right corner of the field, in that order.

④ Click "Field Type" to select the field type: Standard Field (11-a-side), Midfield (7-8-a-side), or Small Field (5-6-a-side).

⑤ Click "Apply Calibration" to complete the field calibration.

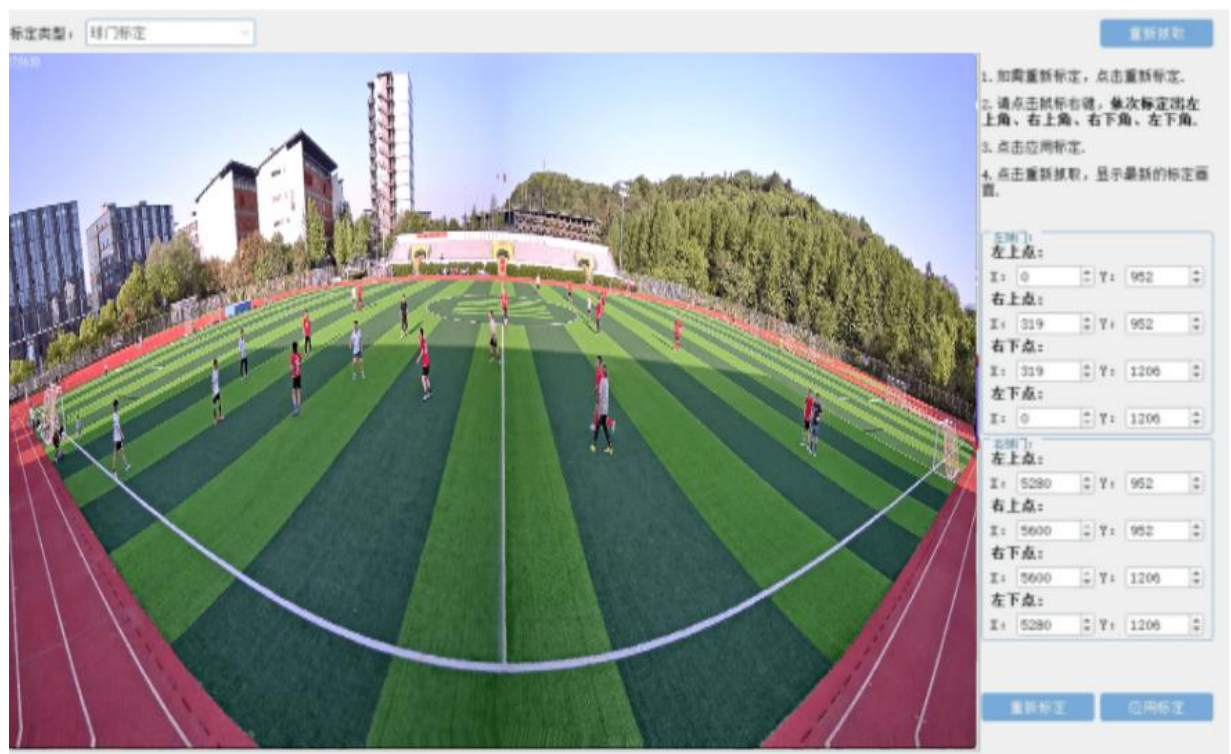


4) Soccer Field Goal Calibration (Soccer Version)

① Enter Field Calibration > Calibration Type "Goal Calibration" > The preview screen displays a snapshot of the current shot.

② Click the "Recalibrate" button. Hold down the right mouse button and drag the drawing box from the upper left corner to the lower right corner to completely enclose the goal and fit as closely as possible.

③ Click "Apply Calibration" to complete the field calibration.

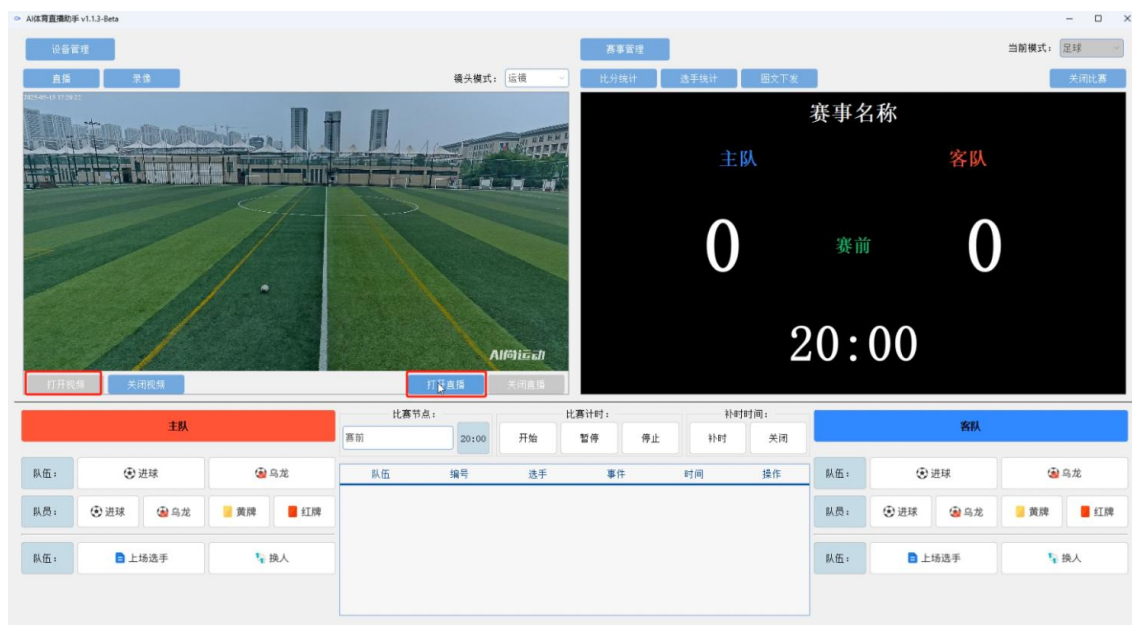


3.4 Start Live Streaming

① Return to the main interface to open the video feed. You can preview the camera feed.

② Click Start Live Streaming. If you selected RTMP streaming, you can preview the camera feed on the third-party live streaming platform. Click Start Live Streaming.

If you selected local camera streaming, select the video source in the third-party live streaming platform PC client. Select Local Camera as the video input source. After previewing the video feed, click Start Live Streaming.



3.5 Enabling Recording

To switch to the recording function, click the "Record" button. Click "Start Recording" to display the recording time. The recording start interface is shown in Figure 3-1, and the recording interface is shown in Figure 3-2. To stop recording, click the "Recording" button. If the camera's hard drive capacity is too low or the battery is too low, the recording will fail.

Figure 3-1 Diagram of the Recording Start Interface

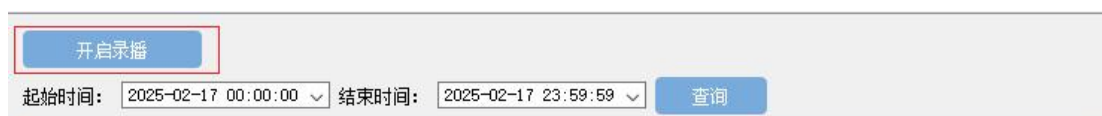
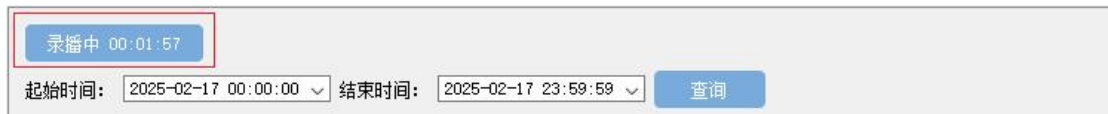


Figure 3-2 Schematic diagram of the recording interface



For more functions, please refer to the "AI Sports Live Streaming Assistant Detailed User Manual"