



Mobile Enforcement System Application

User Manual

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Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 Danger	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
 Caution	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 Note	Provides additional information to emphasize or supplement important points of the main text.

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Chapter 1 Introduction

1.1 Product Introduction

Mobile Enforcement System Application (hereinafter referred to as application) can be installed on the Android mobile terminals such as a pad to realize live view, manual enforcement, application mode configuration, data statistics, and parameters configuration. It is applicable to mobile enforcement system to realize mobile monitoring.

1.2 Key Features

- Supports window division in live view.
- Supports stopped vehicle capture, checkpoint capture, face picture capture, etc.
- Supports manual enforcement.
- Supports data statistics.

1.3 Environment Requirements

- Hardware: Dedicated pad.
- System: Android V7.1.2 or above versions.
- Resolution: Not less than 1920 × 1200.
- Memory: Not less than 1.8 GB.

Chapter 2 Login

Log in to the application before other operations.

Before You Start

- The mobile enforcement video recorder has been activated.
- Connect the pad to the network.

Steps

1. Tap **Mobile Enforcement System** application.
2. Enter **IP Address**, **Port**, **User Name**, and **Password** of the mobile enforcement video recorder.

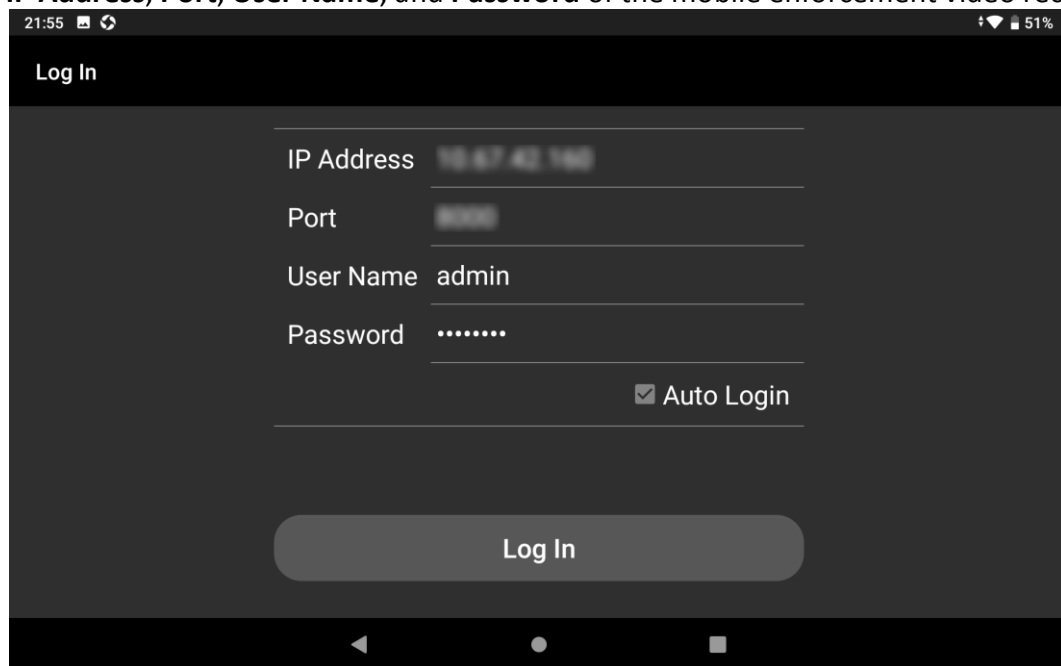


Figure 2-1 Login

3. Optional: Check **Auto Login** to enable auto login after you log out of the application. The next time you tap the application, you will enter the configuration interfaces directly without login.
3. Tap **Log In**.

Chapter 3 Application Mode Configuration

You can switch the application mode of the connected cameras and set corresponding parameters.

Note

The supported application modes vary with different models of the connected cameras. The actual device prevails.

3.1 Switch Checkpoint Capture Mode

You can switch the connected camera to the checkpoint capture mode and set corresponding parameters.

Steps

1. Tap **Application Mode**.
2. Select a channel.
3. Select **Application Mode** as **Checkpoint Capture**.

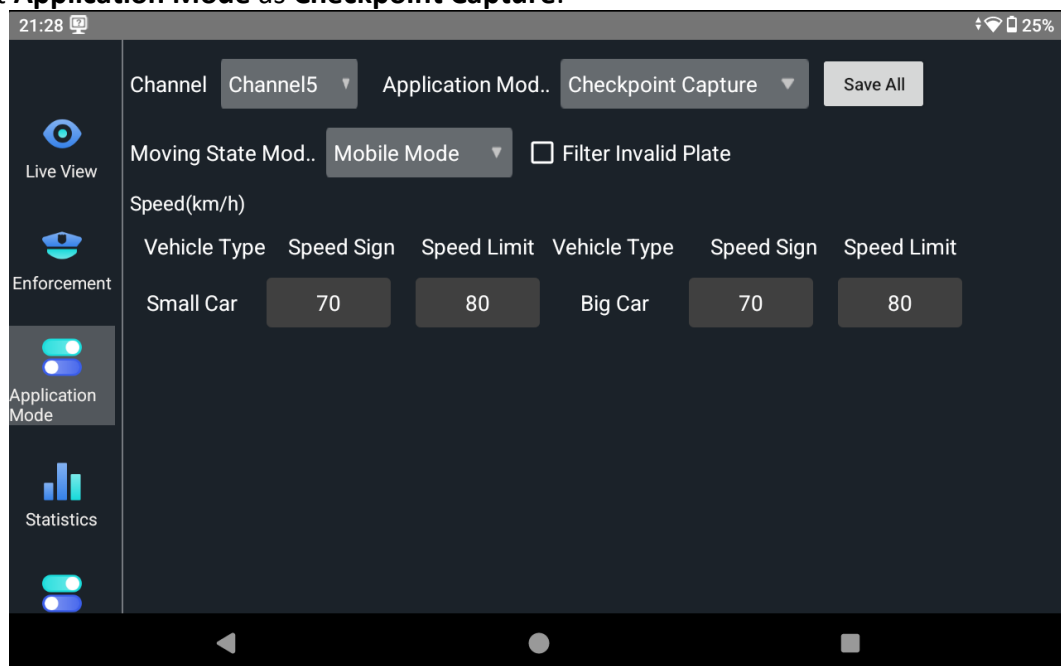


Figure 3-1 Checkpoint Capture

4. Select **Moving State Mode**.

Mobile Mode

Select this mode for the intelligent emergency vehicle lighting with moving light bar.

Static Mode

Select this mode for the intelligent emergency vehicle lighting with static light bar. Follow the steps below to draw the lane lines.

- 1) Tap **Draw Rules** to enter the drawing interface.

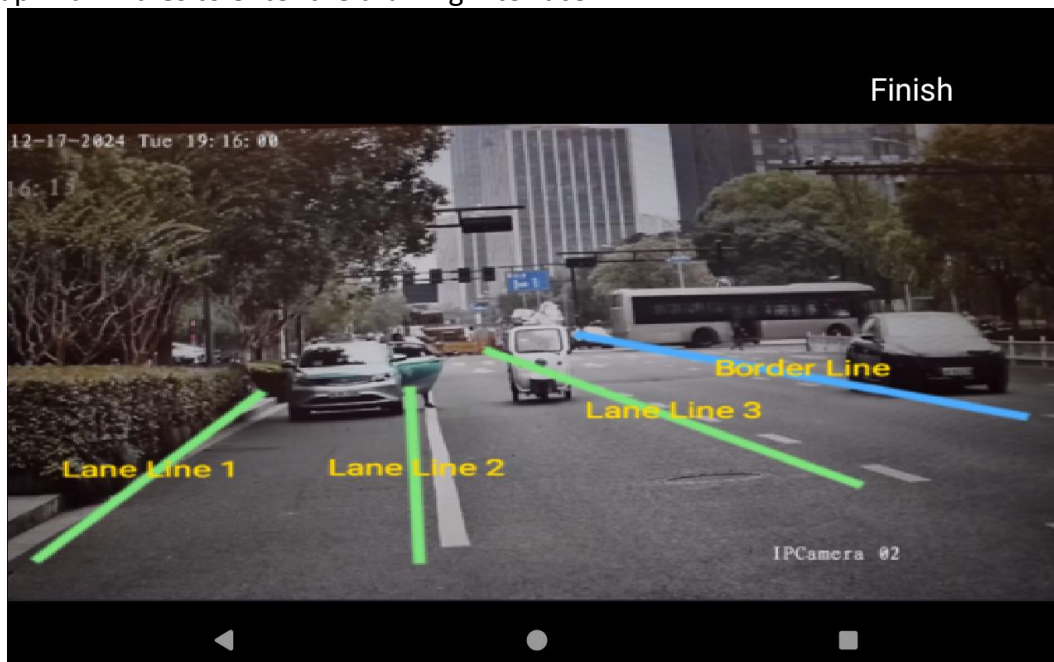


Figure 3-2 Draw Rules

- 2) Hold the line and drag to adjust its position, or hold the ends of the line and drag to adjust the line directions according to the actual scene.
 - 3) Tap **Finish** to finish drawing.
5. Optional: Check **Filter Invalid Plate** to filter the capture of the vehicles with invalid license plates.
 6. Set the speed parameters for the small-sized vehicles and large-sized vehicles for speeding capture.

Speed Sign

The speed limit on the sign for the vehicles. The value will be overlaid on the captured pictures.

Speed Limit

The actual speed limit for the vehicles. When the vehicle speed exceeds the value, speeding capture will be triggered.

Note

The speed limit of large-sized vehicles should be smaller than that of the small-sized vehicles.

7. Click **Save All**.

3.2 Switch Face Picture Capture Mode

You can switch the connected camera to the face picture capture mode.

Steps

1. Tap **Application Mode**.
2. Select a channel.
3. Select **Application Mode** as **Face Capture**.

Chapter 4 Parameters Configuration

Steps

1. Tap **Parameters**.

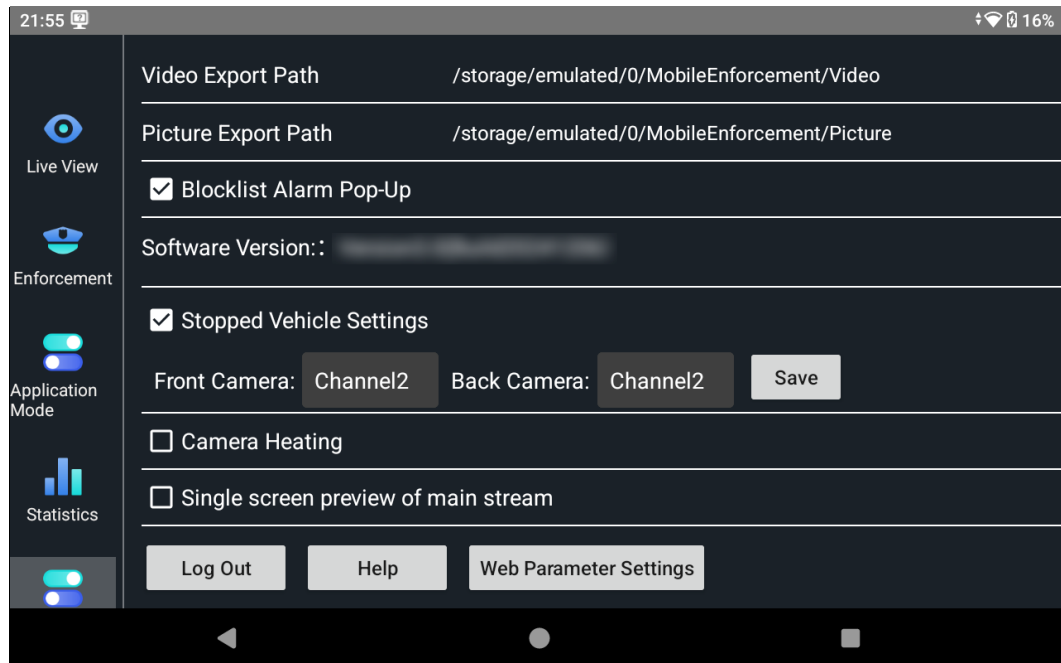


Figure 4-1 Parameters Configuration

2. Set the parameters below.

Video Export Path

Set the path to save the downloaded recorded videos.

Picture Export Path

Set the path to save the downloaded captured pictures.

Blocklist Alarm Pop-Up

If the blocklist has been imported to the mobile enforcement video recorder, and the capture incidents have been set, the application supports linked alarm with the mobile enforcement video recorder. Enable the function, and when the captured license plate matches with the blocklist data, the blocklist alarm information will pop up on the interface and the alarm sounds will be reminded. You can view the capture scene picture, the close-up license plate picture, the recognized license plate number, and the detailed alarm information.

Software Version

View the software version of the application.

Stopped Vehicle Settings

Check it to enable the stopped vehicle detection. Select **Front Camera** and **Back Camera** to capture pictures. Tap **Save**.

Camera Heating

Check it to enable camera startup heating function.

Single screen preview of main stream

Check it to use main stream for live view in single-screen mode.



Note

Set the pad resolution lower than 4K before enabling this function.

3. Other functions.

- Tap **Log Out** to log out of the application.
- Tap **Help** to view the user manual of the application.
- Tap **Web Parameter Settings** to jump to the browser to get access to the mobile enforcement video recorder via webpage.



Note

The application does not support installing web plugin, which makes it unable to set some functions. It is recommended to set the mobile enforcement video recorder via computer browser. Please refer to the mobile enforcement video recorder manual for details.

Chapter 5 Mobile Enforcement

You can enable real-time arming, switch application modes, and capture or record manually to realize mobile enforcement.

5.1 Manual Evidence Capture

You can trigger manual evidence capture and start recording of the cameras.

Steps

1. Tap **Enforcement**.
2. Select the application mode as **Manual Evidence Capture**.
3. Select a channel.

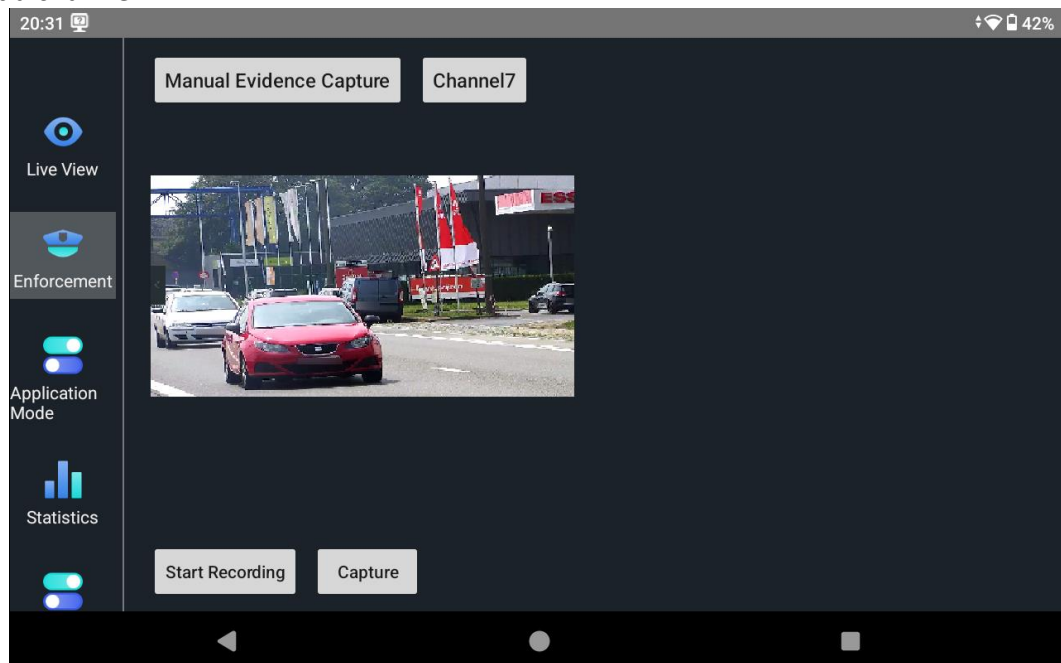


Figure 5-1 Manual Evidence Capture

4. Tap **Start Recording** to start manual enforcement.
6. Tap **Capture**.
The captured image will be displayed on the right of the interface.
7. Tap **Stop Recording** to end manual enforcement, and the capture result will pop up on the

interface. You can do the following operations.

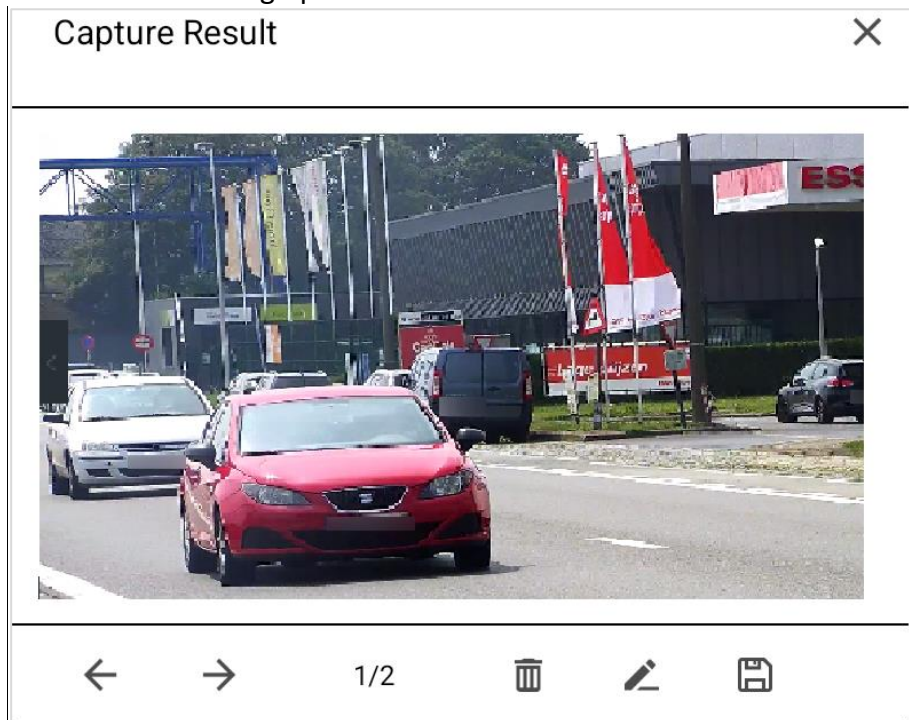


Figure 5-2 View Capture Result

- Tap to view the captured pictures of the selected channel one by one.
- Tap to delete the current captured picture.
- Tap to edit **Violation Type** and **License Plate Number** of the captured vehicle on the picture.
- Tap to save the captured picture to the pad.

5.2 Checkpoint Capture

If you want to capture violation vehicles on the road, set checkpoint capture.

Steps

1. Tap **Enforcement**.

2. Select the application mode as **Checkpoint Capture**.
3. Select a channel.

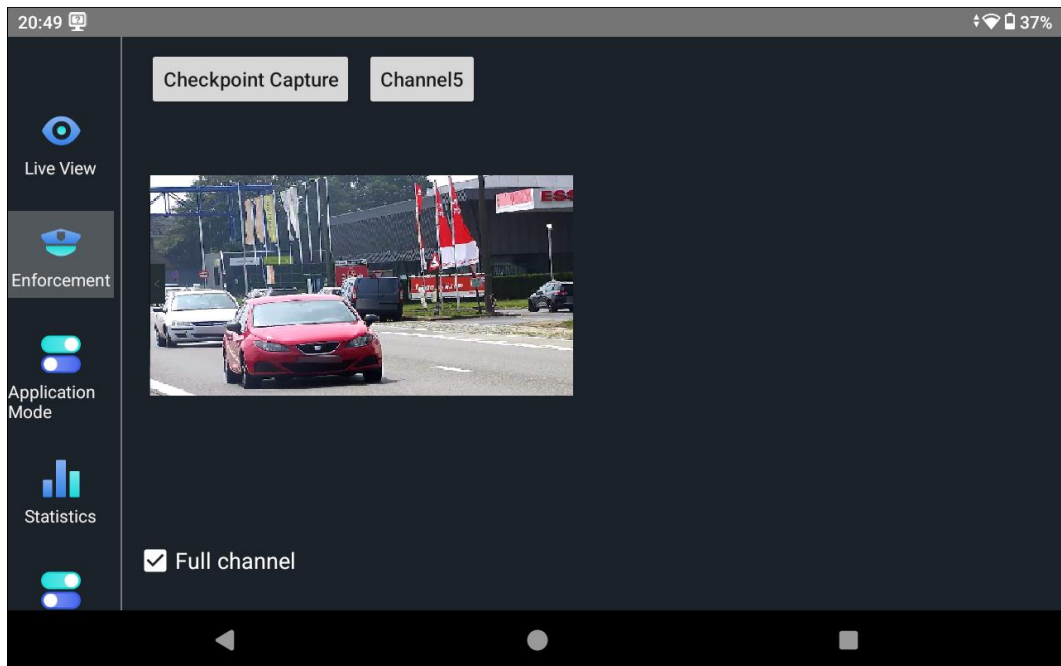


Figure 5-3 Checkpoint Capture

4. Optional: Check **Full channel** to arm all the connected cameras.
When a violation is detected, the captured picture will display on the right of the interface.

5.3 Face Picture Capture

If you want to detect faces and capture face pictures on the road, set face picture capture.

Steps

1. Tap **Enforcement**.

2. Select the application mode as **Face Capture**.
3. Select a channel.

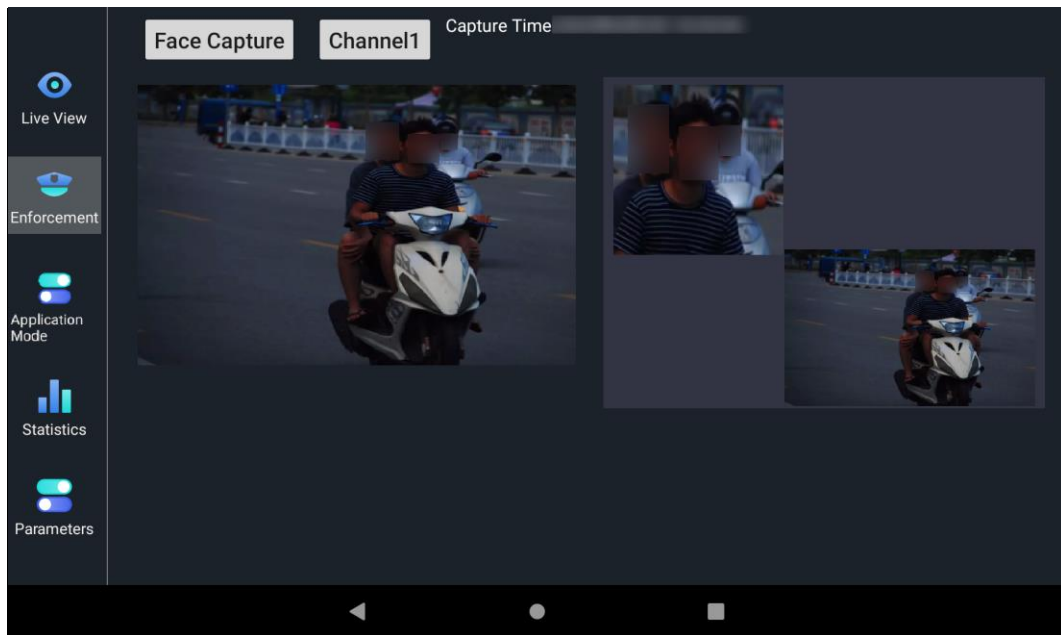


Figure 5-4 Face Picture Capture

4. Optional: Check **Full channel** to arm all the connected cameras.
When a face picture is captured, it will display on the right of the interface, and you can view the captured face close-up picture and the scene picture.

Chapter 6 Live View

Tap **Live View** to view the live view images of the connected channels.

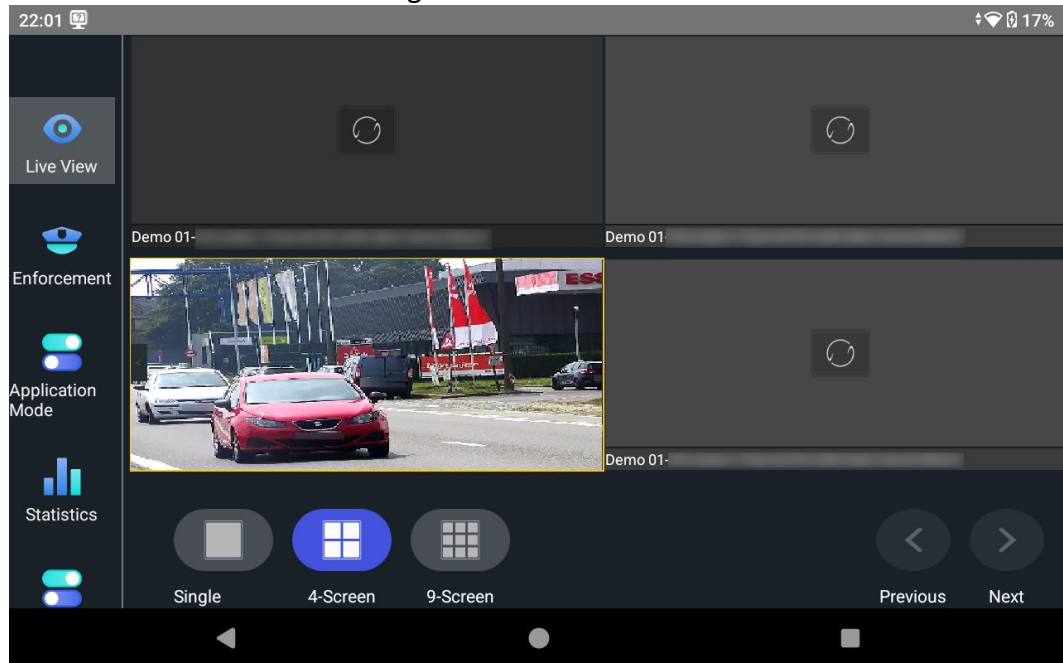


Figure 6-1 Live View

If there are multiple channels, you can select different window division mode (single-screen, 4-screen, and 9-screen). When the number of channels is larger than that of the displayed windows, tap **Previous** and **Next** to switch live view images.

Chapter 7 Statistics

You can search, preview, or download the historical captured pictures and recorded videos.

Steps

- 1. Tap **Statistics**.
- 2. Set **Start Time** and **End Time**.
- 3. Select **Major Type**.
- **Picture**: Follow the steps below to search the captured pictures.

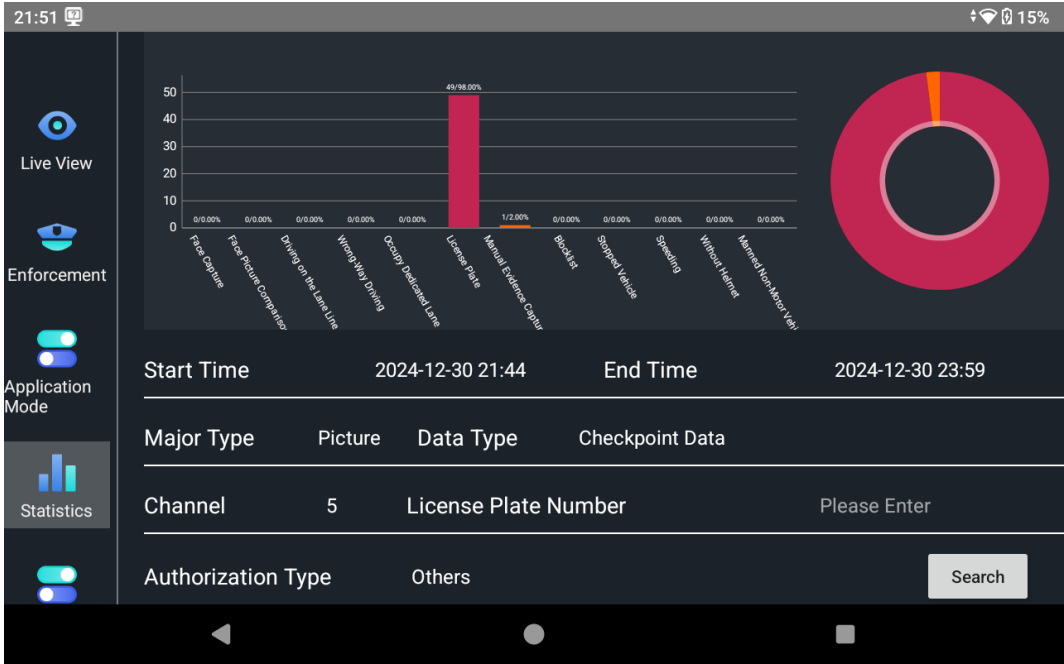


Figure 7-1 Search Pictures

- 1) Select **Data Type** according to your needs.
- 2) **Optional**: If violation data is selected for **Data Type**, selected **Subtype** for the corresponding violation type.
- 3) Select **Channel**.
- 4) **Optional**: Enter **License Plate Number** if you want to search the captured pictures of specific license plate number.
- 5) Select **Authorization Type** to search the captured pictures of blocklist vehicles, allowlist vehicles, or other vehicles.
- 6) Tap **Search**.
- **Video**: Follow the steps below to search the recorded videos.

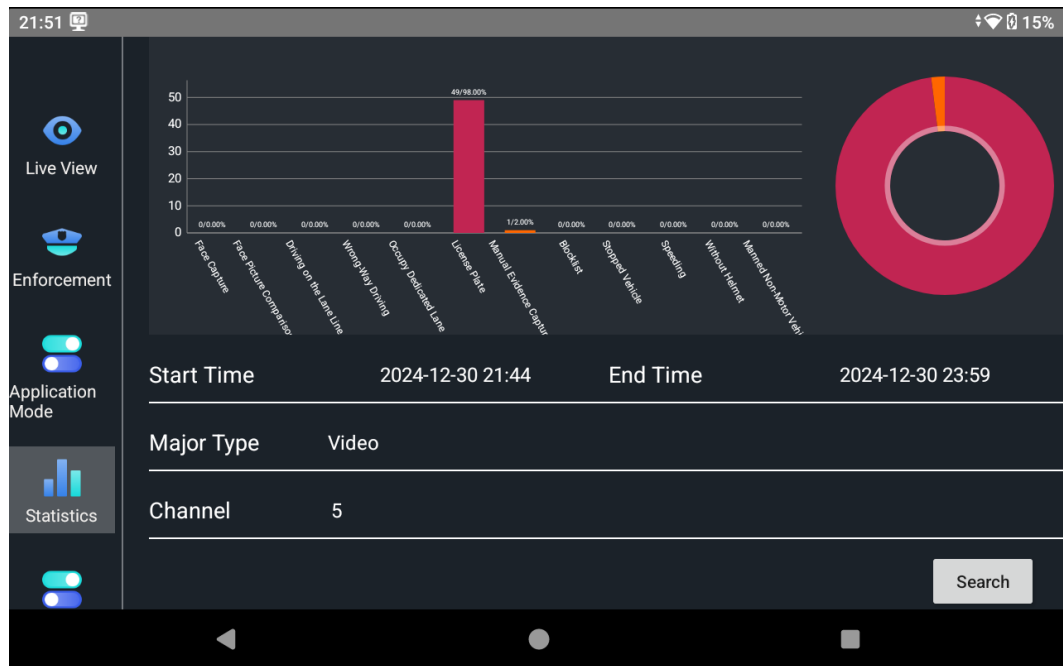


Figure 7-2 Search Videos

- 1) Select **Channel**.
 - 2) Tap **Search**.
4. The searched results will be displayed. You can do the following operations.
- Select a file and tap **Preview** to view the captured picture or play back the recorded video.
 - Select file(s) and tap **Download** to download them to the locally saving path. Or tap **Download All** to download all the searched data.

Note

You can tap **Parameters** to view **Video Export Path** and **Picture Export Path**.



See Far, Go Further