

User's Manual

AI Camera-Bullet Camera

FC-T5AI-C

Statement

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Notice

- The parameters used in the screenshots shown in this manual are only used as setting examples for reference and may not be completely consistent with the actual situation. Please set the parameters according to your actual needs.
- The housing is prohibited from being disassembled during operation.
Anti-disassembly reminder: Be careful when manually disassembling the housing of the device to avoid damage to the device. This is a Class A product. In a living environment, this product may cause radio interference. In this case, the user may need to take practical measures to deal with the interference.
- Due to different software versions, the screenshots shown in this manual may not be completely consistent with the device interface of the product you purchased. Please configure your product according to the actual device interface.
- If you find that there is a shortage or damage to any accessories, please contact your local dealer in time. The product pictures/screenshots in this manual are for reference only and are intended to help users install and configure the product. Please refer to the actual product/actual interface for details.



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1. Product Introduction

1.1 Product Introduction

AI Camera-Bullet Camera (FC-T5AI-C) is an intelligent gun-type camera that integrates high-performance image processing and cutting-edge AI algorithms. It is designed for all-weather security scenes in complex environments. Equipped with a 5-megapixel 1/2.7-inch low-light CMOS sensor, it supports multiple encodings such as H.265/H.264, has super night vision capabilities, and is not afraid of the challenge of darkness.

It integrates high-definition threading, intelligent classification, night vision monitoring, sound and light linkage, software and hardware collaboration and other functions. It can be widely used in public transportation, security monitoring, smart communities, smart parks, scenic spots, factories, parks and other scenes.

1.2 Product Features

- ◆ **High-performance imaging sensor:** 1/2.7 inch, 16:9, 5 megapixels, low illumination, CMOS sensor; supports 25 frames.
- ◆ **Focal lens:** Uses a 6mm focal length lens, which ensures wide field of view coverage while taking into account the capture of medium and short-range image details.
- ◆ **Light intelligence:** Electronic fence, cross-border detection, off-post detection, and traffic statistics.
- ◆ **Motion detection:** Detect the movement of vehicles in the area, and adjust the corresponding deployment configuration and linkage mode.
- ◆ **Efficient capture performance:** Supports fast capture or quality capture.
- ◆ **Multiple imaging modes:** Supports soft photosensitivity: full-color mode, infrared mode, and dual-light mode.
- ◆ **Multiple video encoding formats:** Supports H.265 and H.264 encoding optional.
- ◆ **Image quality optimization technology:** Support image flip, support backlight compensation, support 3D digital noise reduction, support image anti-flicker, support WDR, HDR.

2. Product Structure

2.1 Packing List

- Product Pictures



- Product Accessories



Mounting bracket



Power adapter



Screws and connectors

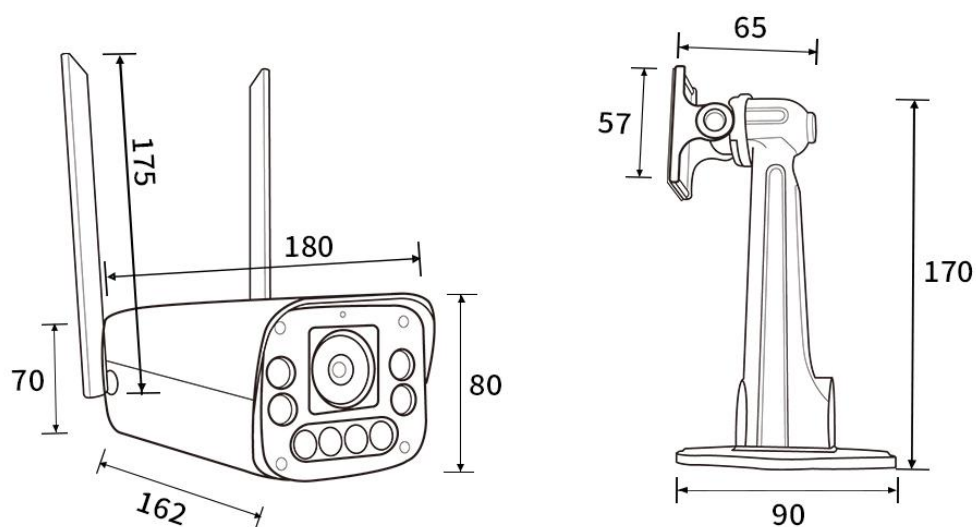


Cover*2

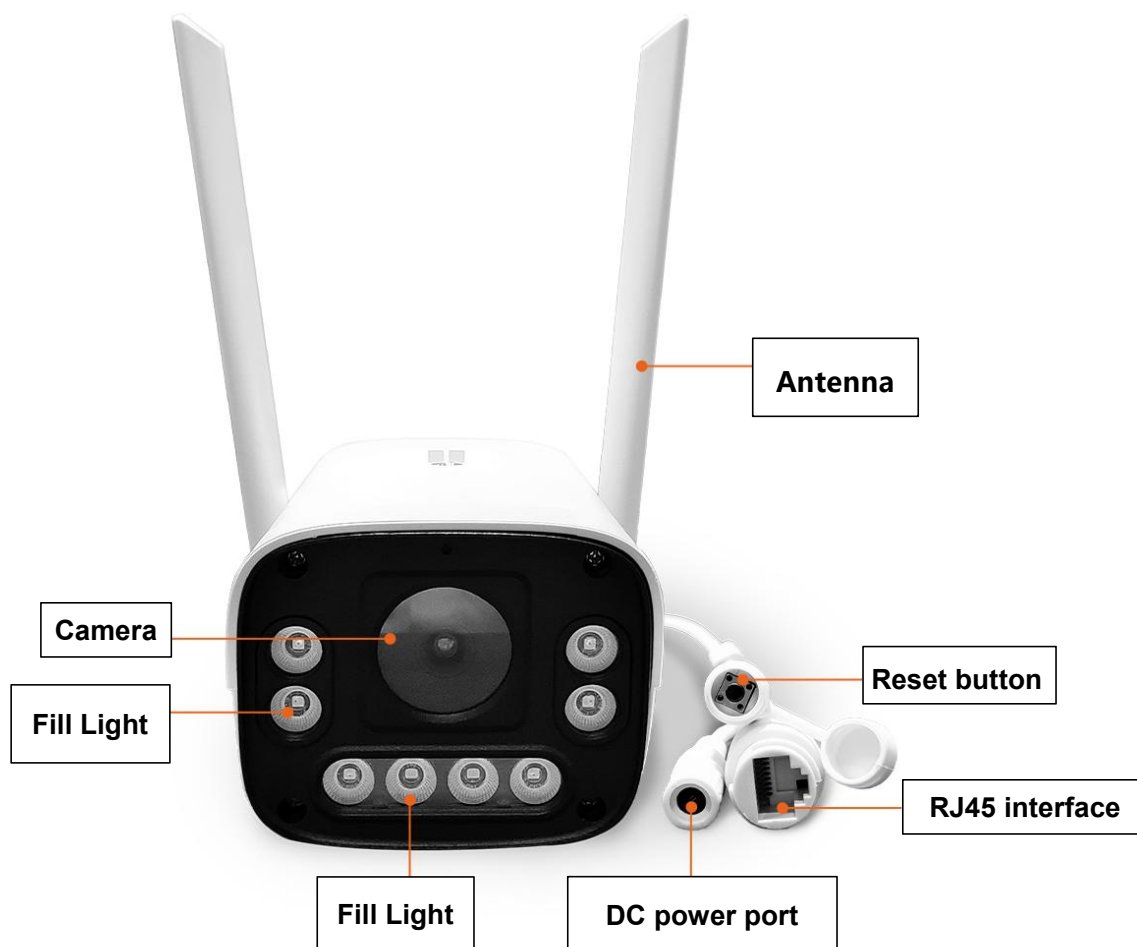
 If any of the above items are damaged or lost, please contact your supplier in time.

2.2 Product Size

Unit: mm



2.3 Appearance and Function



Name	Explain
Flashing on Startup	LAN light flashes twice
Network Status	The LAN light keeps flashing after the network starts connecting
System Operation Status (Voice Prompt)	①Device startup ②Device startup completed ③Network connection successful
Reset Button	Reset your device to factory settings
RJ45 Interface	Ethernet port
DC Power Port	5.5-2.1 power interface (12V)
Work Environment	-30°~60°

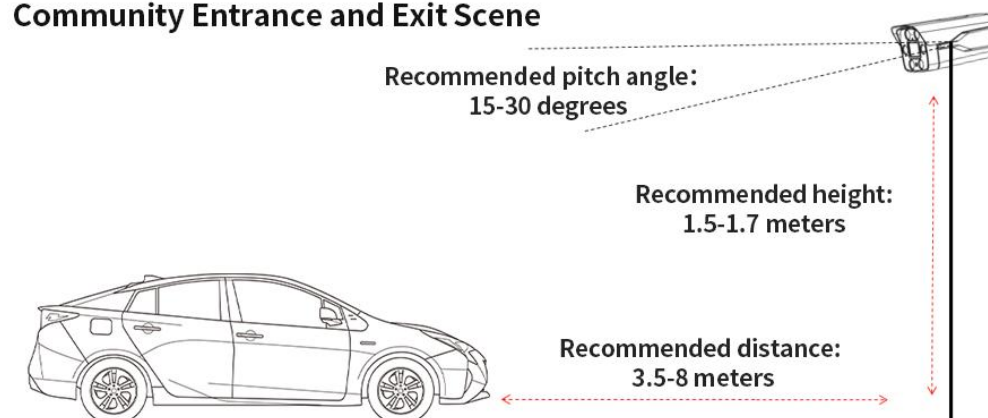
3. Installation Instructions

3.1 Installation Requirements

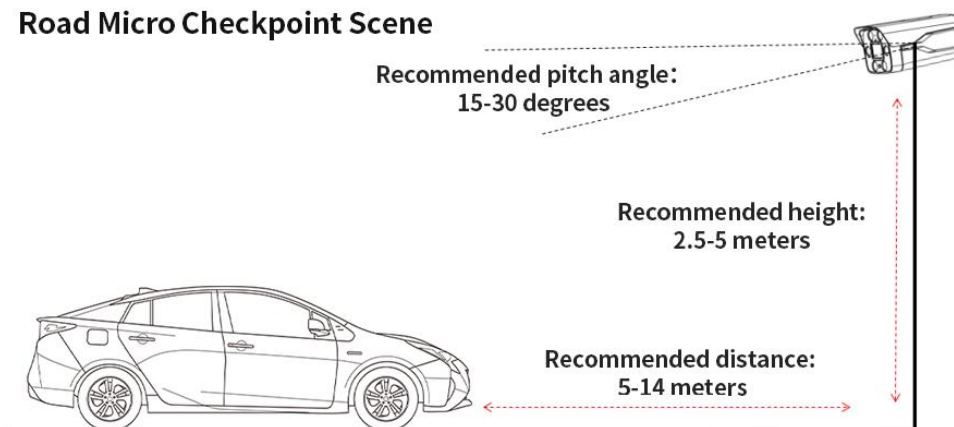
1. Ensure that the camera can capture the front view of all vehicles entering or leaving.
2. Have a stable lighting environment. Too bright or too dark will cause errors.

3.2 Installation Example Instructions

Community Entrance and Exit Scene



Road Micro Checkpoint Scene



⚠ It is not recommended to install too high.

Scenario Parameter	Community Entrance and Exit Scene	Road Micro Checkpoint Scene
Pitch Angle	15-30°	15-30°
Recommended Height	1.5-1.7m	2.5-5m
Recommended Distance	3.5-8m	5-14m

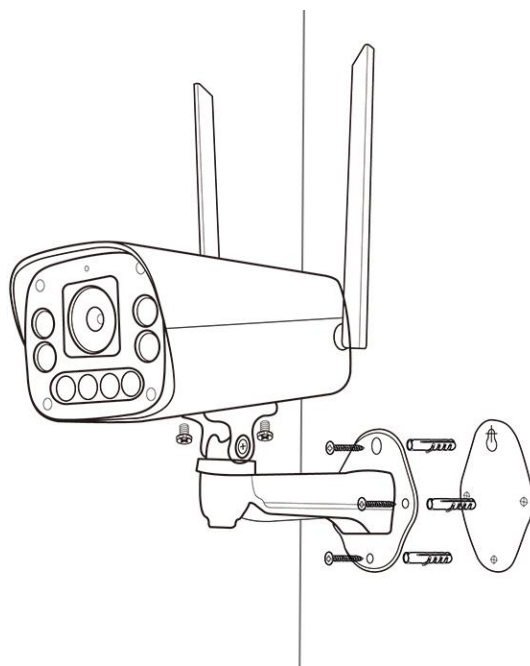
4. Installation Steps

4.1 Wall Mounting

Step 1: Use a tape measure to measure the installation height. Keep the tape measure perpendicular to the ground during measurement. Use a marker to mark the location where the device is to be installed..

Step 2: Paste the sticker to the marked device installation location. The vertical direction of the sticker should be perpendicular to the ground.

Step 3: Drill a hole, drive the expansion tube into the wall, and fix the bracket with expansion screws, as shown in the figure:

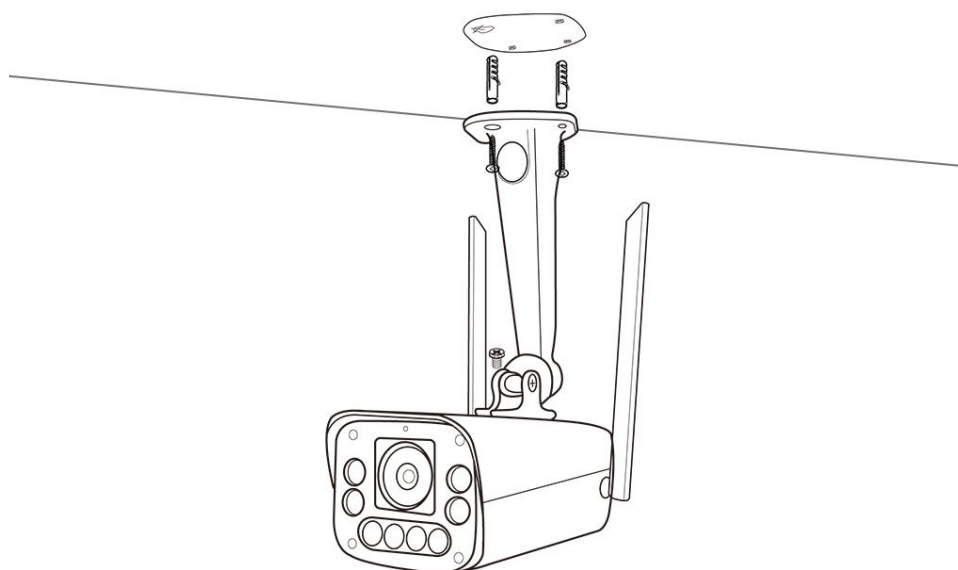


4.2 Hoisting Installation

Step 1: Use a tape measure to measure the installation height between the ground and the ceiling. Keep the tape measure perpendicular to the ground when measuring. Use a marker to mark the location where the device is to be installed.

Step 2: Determine the camera installation direction and stick the sticker to the marked device installation location. The vertical direction of the sticker should be perpendicular to the ground.

Step 3: Drive the expansion screws into the ceiling and fix the bracket with the expansion screws, as shown in the figure:

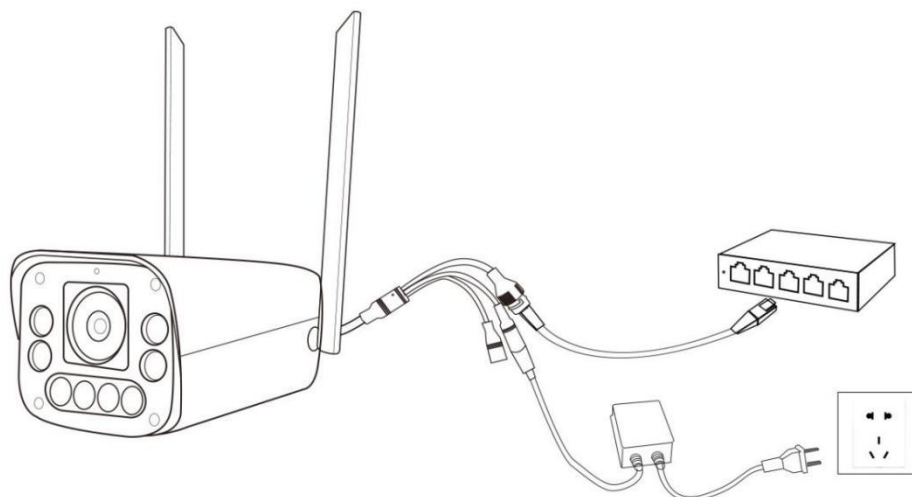


5. Device Connection and Startup

5.1 Powering on the Device

DC12V power supply

Insert the standard DC 12V power adapter into a 220V power supply, and connect the 12V output harness terminal to the camera's 12V power port.



5.2 Device Connection to Host

After the device is powered on, connect the device and the debugging computer to the same network. There are currently two ways:

1. Connect the debugging computer to the same router. The device defaults to DHCP mode when it leaves the factory. Connecting to a router with DHCP function will automatically assign a valid IP address; when the device and the computer are connected to the router at the same time, the computer will automatically assign an IP address and you can scan and access the device through the debugging client.
2. You can connect the network cable directly to the computer. After the device is connected to the computer with a network cable and powered on, the device will start the built-in DHCP server to assign an IP address to the computer. After the computer assigns an IP address, you can scan and access the device through the debugging client.

Note:

1. Make sure that the device and the debugging computer have connection conditions.
2. IP address configuration is very important. If it is not in the same network segment as the device address, the device can be scanned but cannot be connected.

5.3 Device Discovery and Connection

1. After the device is powered on, open EasyVMS. The default user name is admin and the password is blank.

English

— X

Local

Cloud

admin

Login password

☐ Auto login ☐ Remember me

Login

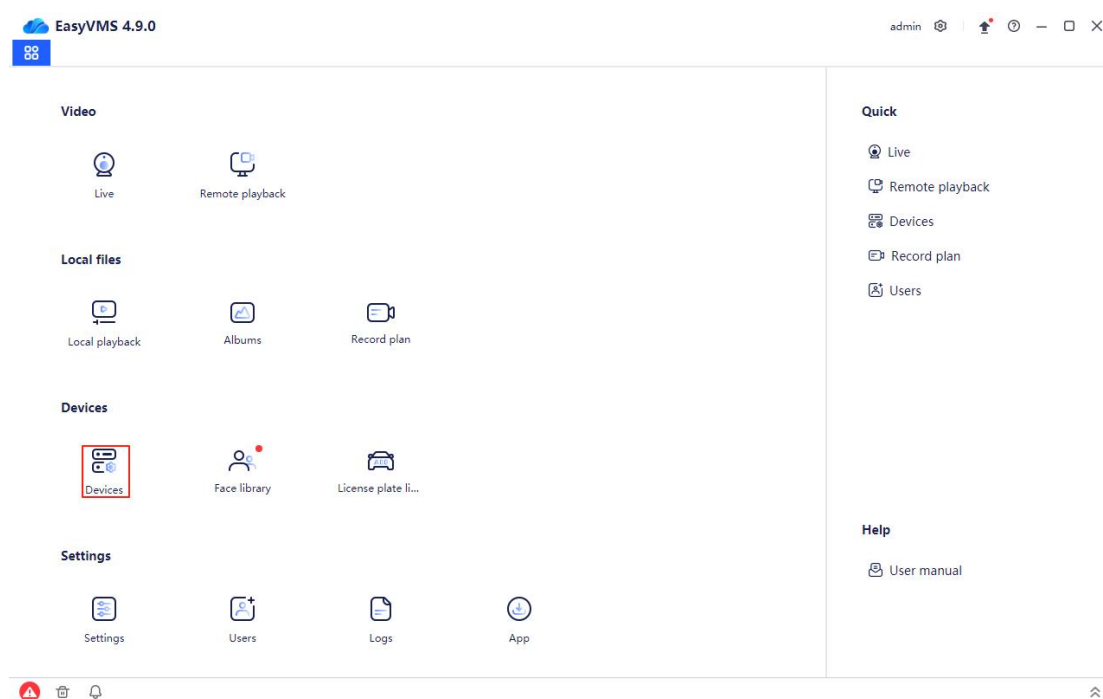
Scan the QR-code



Please use [HiEasy APP](#) Scan the QR-code to log in

[No account? click here >](#)

2. Enter and select Device Management.



3. Select the LAN online device to add.

EasyVMS 4.9.0

admin

Devices

Alias, channel, IP, MAC

Default area

- 10.10.2.155
- 10.10.2.137

+ Add area

My devices

Area: All

Buttons: Add device, Edit, Batch delete, Upgrade, Import config, Export config

Alias	Type	Pr...	IP/Cloud-Id	C...	Firmwa...	Port	Saf...
10.10.2.155	T5AI-W/IPG-5950PCS...	P6S	10.10.2.155	1	2.6.1-202503...	6060	
10.10.2.137	T5AI-W/IPG-5950PCS...	P6S	10.10.2.175	1	3.0.1-202505...	6060	

Online devices

Search protocol: All

Buttons: Batch Add, Batch modify, Refresh

IP	MAC	Cloud-Id	Channel	Type	Protocol	Firmware version	St...
10.10.2.165	5A:5A:00:B5:AA:E2	IOTFBB-249580-XDWUB	1	T5AI-G/IPG-5950P	P6S	3.0.1-20250514	-

4. After adding, enter the IP to enter the device web page.

EasyVMS 4.9.0

admin

Devices

Alias, channel, IP, MAC

Default area

- 10.10.2.155
- 10.10.2.137
- 10.10.2.165

+ Add area

My devices

Area: All

Buttons: Add device, Edit, Batch delete, Upgrade, Import config, Export config

Alias	Type	Pr...	IP/Cloud-Id	C...	Firmwa...	Port	Saf...
10.10.2.155	T5AI-W/IPG-5950PCS...	P6S	10.10.2.155	1	2.6.1-202503...	6060	
10.10.2.137	T5AI-W/IPG-5950PCS...	P6S	10.10.2.175	1	3.0.1-202505...	6060	
10.10.2.165	T5AI-G/IPG-5950PCS...	P6S	10.10.2.165	1	3.0.1-202505...	6060	Wec

Online devices

Search protocol: All

Buttons: Batch Add, Batch modify, Refresh

IP	MAC	Cloud-Id	Channel	Type	Protocol	Firmware version	St...
No Data							

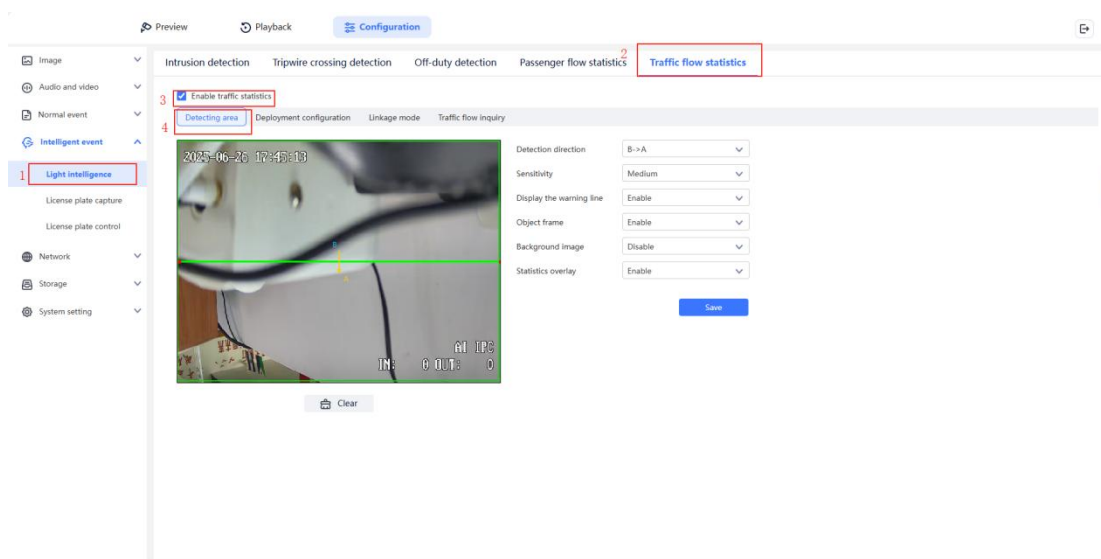


5. The default username is admin and the password is empty.

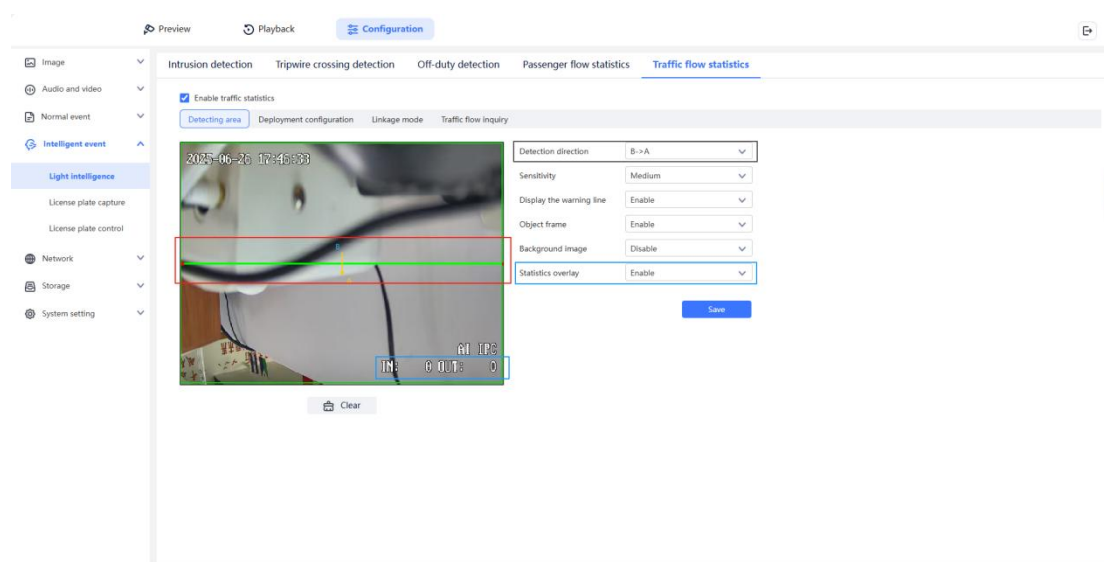
6. Parameter Configuration

6.1 Traffic Statistics-Settings

1. Click Light Intelligence to enter the traffic statistics, click to start traffic statistics, and select area settings.

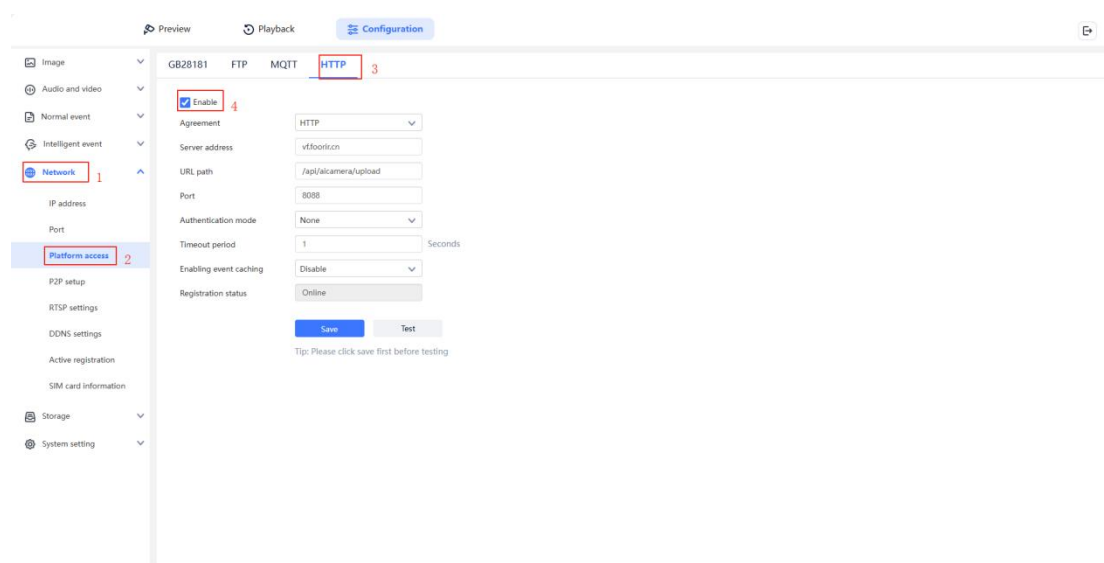


2. The green line in the middle of the camera screen is the detection line (marked in the red frame), and you can adjust the detection line position by yourself; select the detection direction on the right (marked in the black frame); turn on the display of statistical results and click Save (marked in the blue frame). The number of vehicles entering and leaving the image is displayed in the lower right corner (marked in the blue frame).



6.2 Platform Access

1. Open the device web page, follow the steps to enter the HTTP configuration page and click Enable.



2. Configure the corresponding protocol, server address, URL path, and port.

☒ Enable

Agreement	HTTP
Server address	vf.foorir.cn
URL path	/api/aicamera/upload
Port	8088
Authentication mode	None
Timeout period	1 Seconds
Enabling event caching	Disable
Registration status	Online

Save

Test

Tip: Please click save first before testing

3. Click Save to test. If the detailed error information is OK, the configuration is successful.

Test

Error code:

0

Event ID:

3294

Time:

20250621T175029+08

Detailed error message:

ok