

# Specification

## AI Camera-Bullet Camera

FC-T5AI-C

Version 2025-1.0

### ❖ Product Introduction

AI Camera-Box 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.

### ❖ 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:** Light intelligence: electronic fence, cross-border detection, leave-of-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/2D digital noise reduction, support image anti-flicker, support WDR, HDR.

## ❖ Product Structure

### • Product images



### • 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.

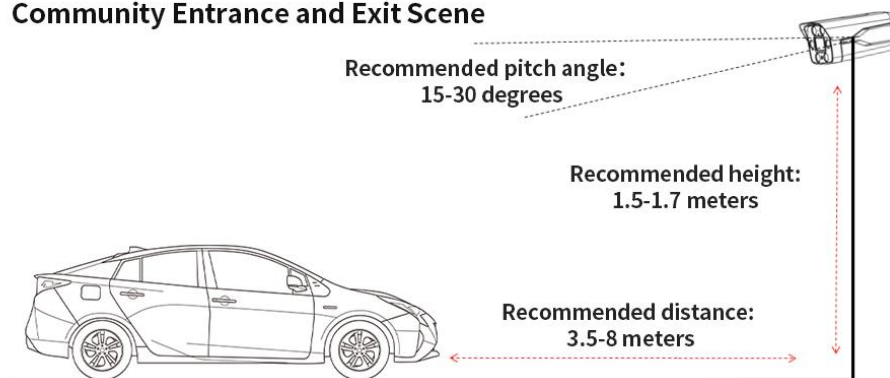
## ❖ Product Parameters

| Product name                  | AI Camera-Bullet Camera                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Model                 | FC-T5AI-C                                                                                                                                       |
| Main Control Chip             | T41NQ                                                                                                                                           |
| Image Sensor                  | 5 megapixels, 1/2.7" CMOS                                                                                                                       |
| Lenses                        | Focal length: standard 6mm                                                                                                                      |
| Video Processing              | H.265/H.264 video encoding, supports adjustable bitrates from 256 to 12288 kpbs; supports adjustable frame rates from 1 to 25 frames per second |
| Image Output                  | Main stream: 2880*1624, 2560*1440, 2304*1296, 1920*1080<br>Sub-stream: D1, 800*448, 480*360, CIF                                                |
| Network Interface             | 1 RJ45 Ethernet port, 10/100M adaptive                                                                                                          |
| Network Mode                  | Wired network/WiFi/4G                                                                                                                           |
| Light                         | 8 fill lights                                                                                                                                   |
| Bracket<br>Installation Angle | Support 360° horizontal infinite selection and 95° vertical rotation                                                                            |
| Power Supply                  | DC12V power input interface                                                                                                                     |

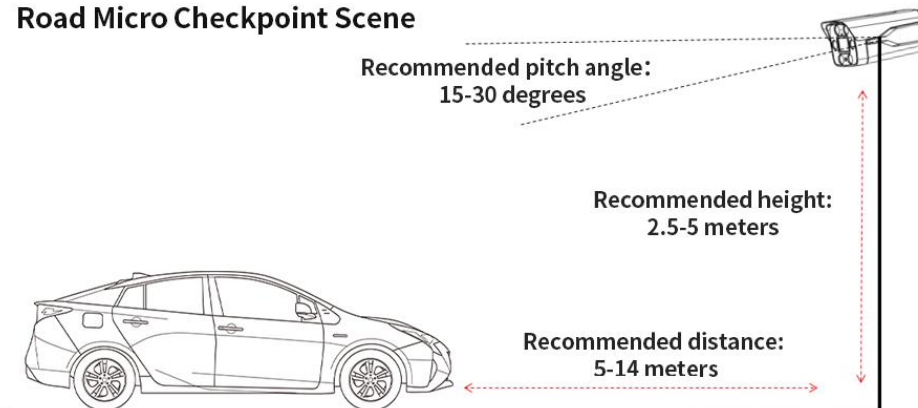
## ❖ Mounting height and coverage

| Scenario<br>parameter   | Community entrance<br>and exit scene | Road micro checkpoint<br>scene |
|-------------------------|--------------------------------------|--------------------------------|
| Pitch Angle             | 15-30°                               | 15-30°                         |
| Recommended<br>height   | 1.5-1.7m                             | 2.5-5m                         |
| Recommended<br>distance | 3.5-8m                               | 5-14m                          |

### Community Entrance and Exit Scene



### Road Micro Checkpoint Scene



| Website                                            | Technical Support                                    | Sales hotline   | Online purchase                                                        |
|----------------------------------------------------|------------------------------------------------------|-----------------|------------------------------------------------------------------------|
| <a href="http://www.foorir.com">www.foorir.com</a> | <a href="mailto:info@foorir.com">info@foorir.com</a> | +86 18981978865 | <a href="http://huaxiniot.en.alibaba.com">huaxiniot.en.alibaba.com</a> |

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