

ENSTER NST-IPC7115-PT

ENSTER 5G Security Camera Outdoor (Model NST-IPC7115-PT) User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ENSTER 5G Security Camera Outdoor, Model NST-IPC7115-PT. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

The ENSTER 5G Security Camera is a robust 5-megapixel (5MP) Pan-Tilt-Zoom (PTZ) Wi-Fi camera designed for outdoor home security. It features a durable titanium alloy shell, advanced human detection with auto-tracking capabilities, color night vision, two-way audio communication, and an IP66 weatherproof rating for reliable performance in various environmental conditions.

2. PRODUCT OVERVIEW AND COMPONENTS

2.1 Package Contents

- ENSTER 5G Security Camera (Model NST-IPC7115-PT)
- Power Adapter
- Mounting Screws and Wall Plugs
- Waterproof Kit for Network Cable
- User Manual

2.2 Camera Features

- **5MP High-Resolution Video:** Captures clear and detailed images.
- **PTZ Functionality:** 355° horizontal pan and 90° vertical tilt for wide area coverage.
- **Dual-Band Wi-Fi:** Supports both 2.4GHz and 5GHz Wi-Fi networks for stable connectivity.
- **Color Night Vision:** Equipped with 4 infrared LEDs and 4 full-color LEDs for clear night vision up to 150 feet.
- **Human Detection & Auto Tracking:** Intelligently identifies human figures and tracks their movement.
- **Two-Way Audio:** Built-in microphone and speaker for real-time communication.
- **IP66 Weatherproof:** Durable titanium alloy shell designed to withstand harsh weather conditions.

- **Multiple Storage Options:** Supports Micro SD card (up to 256GB) and cloud storage.
- **Alarm Functions:** Mobile alarm push notifications, automatic sound warning, and alarm recording.

2.3 Physical Description



Figure 1: Front view of the ENSTER 5G Security Camera Outdoor. This image shows the camera's main body, dual antennas for Wi-Fi connectivity, and the lens surrounded by infrared and white LEDs for night vision. The mounting bracket

is visible on the side.



Figure 2: Overview of key camera features. This image highlights the camera's dual-band 2.4G/5G compatibility, 360° horizontal and 90° vertical rotation, light and siren alarm, human detection, 150ft night vision, 2-way audio, and IP66 waterproof rating.

3. SETUP

3.1 Initial Setup

1. **Unpack the Camera:** Carefully remove all components from the packaging.
2. **Power On:** Connect the power adapter to the camera and plug it into a power outlet. The camera will initiate a self-test.
3. **Prepare for Network Connection:** For initial setup, it is recommended to connect the camera via an Ethernet cable to your router if possible, or place it near your Wi-Fi router for easier wireless configuration.

3.2 App Installation (CamHi)

1. **Download the App:** Search for "CamHi" or "CamHiPro" in your smartphone's app store (iOS App Store or Google Play Store) and download the application.

2. **Register Account:** Open the CamHi app and follow the on-screen instructions to register a new account or log in if you already have one.
3. **Add Camera:** Tap the "+" icon or similar option to add a new device. Select the appropriate method (e.g., "Add Camera via Wi-Fi" or "Scan QR Code"). Follow the app's prompts to connect your camera.

3.3 Network Connection (2.4GHz/5GHz Wi-Fi)



Figure 3: Illustration of the camera's dual-band 2.4GHz and 5GHz Wi-Fi compatibility, showing the camera connecting to both frequency bands.

The ENSTER camera supports both 2.4GHz and 5GHz Wi-Fi networks. During the app setup process, you will be prompted to select your Wi-Fi network and enter the password. Ensure your smartphone is connected to the same Wi-Fi network you intend to connect the camera to.

3.4 Mounting the Camera



Figure 4: The camera's IP66 weatherproof rating and durable metal shell, shown with icons for high temperature resistance and sturdy construction.

1. **Choose a Location:** Select an outdoor location that provides the desired viewing angle and is within range of your Wi-Fi network. Ensure the camera's power cable can reach an outlet.
2. **Mark Drilling Points:** Use the provided mounting template or the camera's base to mark the drilling points on the wall or mounting surface.
3. **Drill Holes:** Drill pilot holes at the marked locations. Insert the wall plugs if mounting on masonry.
4. **Secure the Camera:** Attach the camera's mounting bracket to the surface using the provided screws. Ensure it is securely fastened.
5. **Adjust Angle:** Once mounted, adjust the camera's physical angle to cover the desired area. Fine-tune the view using the app's PTZ controls.
6. **Waterproof Connections:** Use the waterproof kit to protect any exposed cable connections from moisture.

4. OPERATING INSTRUCTIONS

4.1 Live View and PTZ Control

Open the CamHi app and select your camera to access the live view. Use the on-screen controls to pan (horizontal rotation up to 355°) and tilt (vertical rotation up to 90°) the camera. The app also allows for digital zoom to focus on specific areas.

4.2 Night Vision Modes

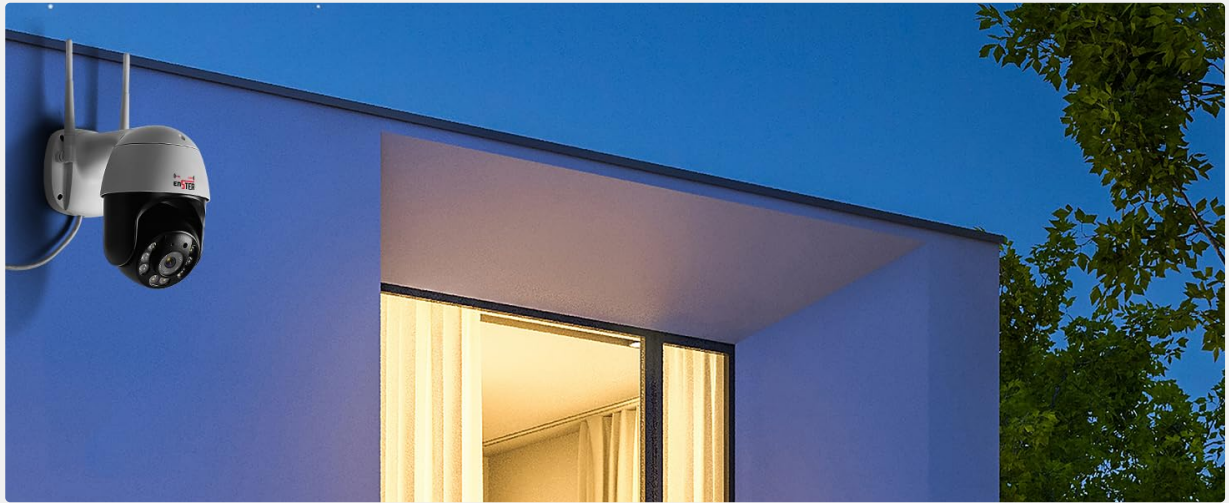


Figure 5: Comparison of daytime vision, infrared night vision (black and white), and full-color night vision provided by the camera's integrated floodlights.

The camera offers multiple night vision options:

- **Infrared (IR) Night Vision:** Provides clear black and white video in low-light conditions using infrared LEDs.
- **Color Night Vision:** Activates the built-in floodlights to provide full-color video even in complete darkness, extending up to 150 feet. This mode can be set to activate automatically upon motion detection or manually.

4.3 Two-Way Audio



Figure 6: Illustration of the camera's two-way audio capability, showing a person speaking through the camera and another person listening via the app.

Utilize the two-way audio feature through the CamHi app to listen to the camera's surroundings and speak through the camera's built-in speaker. This is useful for communicating with visitors or deterring intruders.

4.4 Motion Detection and Alerts



Figure 7: Depiction of the camera's motion detection, mobile alarm push, automatic sound warning, and alarm automatic recording features, including a siren alert to deter intruders.

The camera is equipped with intelligent human detection. When motion is detected, the camera can:

- **Auto Track:** Automatically follow the detected human movement.
- **Send Mobile Alarm Push:** Notify your smartphone via the CamHi app.
- **Activate Automatic Sound Warning:** Emit an audible alarm or siren.
- **Initiate Alarm Automatic Recording:** Begin recording footage to the SD card or cloud.

Adjust motion detection sensitivity and alert preferences within the CamHi app settings.

4.5 Recording and Storage



Figure 8: Illustration of loop recording functionality, showing various scenes being recorded and stored on a Micro SD card or via cloud storage.

The camera supports continuous 24/7 recording or event-triggered recording. Footage can be stored in two ways:

- **Micro SD Card:** Insert a Micro SD card (up to 256GB, not included) into the designated slot. The camera supports loop recording, automatically overwriting the oldest footage when the card is full.
- **Cloud Storage:** Optional cloud storage services may be available through the CamHi app for remote backup of your recordings.

5. MAINTENANCE

5.1 Cleaning

To maintain optimal image quality, periodically clean the camera lens with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials that could scratch the lens or housing.

5.2 Weather Protection



Figure 9: The ENSTER camera operating effectively during rainfall, demonstrating its IP66 weatherproof design.

The camera features an IP66 weatherproof rating and a titanium alloy shell, providing protection against dust, rain, snow, and extreme temperatures. Ensure all cable connections are properly sealed using the provided waterproof kit during installation to prevent water ingress.

6. TROUBLESHOOTING

6.1 Common Issues

- **Camera Not Connecting to Wi-Fi:**
 - Ensure the camera is within range of your Wi-Fi router.
 - Verify the Wi-Fi password is correct.
 - Confirm your router supports 2.4GHz or 5GHz, and the camera is attempting to connect to the correct band.
 - Try restarting both the camera and your router.
- **Frequent Disconnections:**
 - Check for Wi-Fi interference from other devices.
 - Consider relocating the camera or router to improve signal strength.
 - Ensure your router firmware is up to date.
- **Motion Detection Too Sensitive/Not Triggering:**
 - Adjust the motion detection sensitivity settings within the CamHi app.
 - Define specific detection zones to reduce false alarms from irrelevant areas.
- **SD Card Not Recording:**
 - Ensure the SD card is inserted correctly.
 - Format the SD card through the camera settings in the CamHi app.
 - Check if the SD card has reached its maximum storage capacity (256GB).
 - Verify that recording schedules or event triggers are properly configured.
- **No Image/Black Screen:**
 - Check if the camera is powered on and connected to the network.
 - Restart the camera.
 - Ensure the lens is clean and unobstructed.

7. SPECIFICATIONS

Feature	Specification
Model Number	NST-IPC7115-PT
Video Capture Resolution	5MP
Effective Video Resolution	1080 Pixels
Connectivity Technology	Wireless (Wi-Fi, Bluetooth)
Connectivity Protocol	Wi-Fi (2.4GHz/5GHz Dual Band)
Power Source	DC 12V
Night Vision Range	150 Feet
Pan/Tilt Rotation	355° Horizontal, 90° Vertical
Optical Zoom	4x



Feature	Specification
Digital Zoom	4x
Field Of View	80 Degrees
Material	Metal (Titanium Alloy Shell)
International Protection Rating	IP66
Flash Memory Supported Size Maximum	256 GB (Micro SD)
Number of IR LEDs	4
Number of Full-Color LEDs	4
Item Dimensions (L x W x H)	7 x 5.1 x 5.1 inches
Item Weight	2.31 pounds
Controller Type	APP (CamHi)
Recommended Uses	Outdoor Security




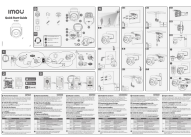
8. WARRANTY AND SUPPORT

Your ENSTER 5G Security Camera comes with a **12-month warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical assistance, troubleshooting, or any product-related inquiries, ENSTER provides **24-hour customer service**. Please refer to the contact information provided on the product packaging or the official ENSTER website for support details.

Related Documents - NST-IPC7115-PT

 <p>ENSTER security camera manufacturer 15+ YEARS CCTV CAMERA BRAND</p>	<p>ENSTER Wifi Smart IP Camera Quick Manual - Setup, Features, Troubleshooting</p> <p>Comprehensive quick manual for the ENSTER Wifi Smart IP Camera. Learn about setup, app connection (Tuya Smart), features, parameters, troubleshooting, and warranty. Get your security camera online easily.</p>
<p>Wireless outdoor solar security camera</p> <p>User Manual</p>  <p><small>If you have any questions, please contact us via support@enster.com. We'll get you the best service.</small></p>	<p>Enster Wireless Outdoor Solar Security Camera User Manual</p> <p>Comprehensive user manual for the Enster Wireless Outdoor Solar Security Camera, covering installation, app setup, technical specifications, detailed instructions, video management, account settings, and FAQs.</p>

 <p>ENSTER security camera manufacturer 15+ YEARS CCTV CAMERA FACTORY</p>	<p>ENSTER Binocular PTZ Camera: Quick Start Manual for Android and iOS</p> <p>Comprehensive quick start manual for the ENSTER Binocular PTZ camera, covering setup, operation, features, and troubleshooting for Android and iOS devices. Learn about Wi-Fi configuration, app usage, recording settings, and advanced functions.</p>
 <p>ENSTER 4G LTE Solar Security Camera User Manual</p> <p><small>Please Note: The installation software will be updated 2 days later to show, and the detection time will be slightly different from the manual. Please refer to the latest manual.</small></p> <p><small>Contact email: support@enster.com</small></p>	<p>ENSTER 4G LTE Solar Security Camera User Manual</p> <p>Comprehensive user manual for the ENSTER 4G LTE Solar Security Camera, detailing installation, setup, features, settings, and troubleshooting for optimal performance.</p>
 <p>MTZ5-IR-FC-AD-WIFI 5MP Full-color Network PT Camera</p>	<p>Montavue MTZ5-IR-FC-AD-WIFI 5MP Full-color Network PT Camera - Technical Specifications</p> <p>Comprehensive technical specifications and feature overview for the Montavue MTZ5-IR-FC-AD-WIFI 5MP Full-color Network PT Camera. Details include its 5MP STARVIS CMOS sensor, H.265 encoding, Wi-Fi connectivity, two-way audio, human detection, tripwire/intrusion alerts, and smart dual light technology for enhanced night vision and active deterrence.</p>
 <p>IMOU Cell PT 3MP Wi-Fi Security Camera</p>	<p>Imou Cell PT 3MP Wi-Fi Security Camera Quick Start Guide</p> <p>Quick start guide for the Imou Cell PT 3MP Wi-Fi Battery Security Camera. Learn about its features like solar power, PIR human detection, color night vision, two-way audio, and IP66 rating, and follow setup instructions.</p>