

Ip 66 ptz

User Manual: Icsee aap Wireless WiFi IP CCTV Security Camera

Model: Ip 66 ptz | Brand: Generic

1. PRODUCT OVERVIEW

The Icsee aap Wireless WiFi IP CCTV Security Camera is a versatile surveillance solution designed for both indoor and outdoor use. Featuring IP66 waterproof certification, this PTZ (Pan-Tilt-Zoom) speed dome camera offers 1080P Full HD resolution, motion detection, and color night vision capabilities. It supports local storage via TF card up to 128GB and cloud storage, providing comprehensive monitoring for your home or property.

Key features include 355° horizontal pan and 80° vertical tilt control, two-way audio communication, and mobile client support for remote viewing and control on iOS and Android devices. The camera is equipped with both infrared (IR) lights for night vision and white light lamps for enhanced visibility and color night vision.



Image 1.1: The Icsee aap Wireless WiFi IP CCTV Security Camera, showcasing its dome design and dual antennas, typically mounted on a wall.

2. PACKAGE CONTENTS

Please verify that all the following components are included in your product package:

- PTZ Camera Unit
- Waterproof Power Adapter (12V1A)
- Mounting Screws and Wall Plugs
- Waterproof Lid for Cable Connections
- Product Manual Card
- Extension Cord (approx. 9.8 ft)



Image 2.1: A detailed diagram illustrating the camera's external components such as the lens, IR sensor, microphone, speaker, TF card slot, and reset button, along with its dimensions and the accessories included in the package.

3. SETUP GUIDE

3.1 Physical Installation

Choose a suitable location for your camera, ensuring it has a clear view of the area you wish to monitor and is within range of your Wi-Fi network. The camera is designed for embedded mounting. Use the provided mounting screws and wall plugs to securely attach the camera to a wall or ceiling. Ensure the mounting surface is stable enough to support the camera's weight.

3.2 Power Connection

Connect the provided 12V1A power adapter to the camera's power input port. Use the waterproof lid to protect the connection if installing outdoors. Plug the adapter into a standard electrical outlet.

3.3 Network Configuration (Wi-Fi)

- 1. Download the Mobile Client:** Search for "Icsee" or the recommended app in your device's app store (available for iOS and Android). Download and install the application.
- 2. Register/Log In:** Open the app and create a new account or log in if you already have one.
- 3. Add Device:** Follow the in-app instructions to add a new device. This typically involves scanning a QR code on the camera or manually entering its ID.
- 4. Connect to Wi-Fi:** Select your 2.4GHz Wi-Fi network (IEEE 802.11b/g/n) and enter the password. The camera will then attempt to connect to your network.
- 5. Initial Setup:** Once connected, you can set a password for the camera and configure initial settings like time zone and video quality.



Image 3.1: The security camera shown alongside a smartphone displaying its mobile application interface, illustrating the remote viewing and control capabilities.

4. OPERATING INSTRUCTIONS

4.1 Mobile Client Usage

The mobile client (Icsee app) is your primary interface for controlling and monitoring the camera. From the app, you can view live video feeds, access recorded footage, adjust camera settings, and receive alerts.

4.2 Pan/Tilt/Zoom (PTZ) Control

Use the directional controls within the mobile app to remotely adjust the camera's viewing angle. The camera supports 355 degrees of horizontal rotation (pan) and 80 degrees of vertical tilt. Digital zoom is also available through the app.

4.3 Motion Detection & Alarms

Enable and customize motion detection settings in the app. When motion is detected, the camera can trigger an alarm action, such as pushing a screenshot notification to your mobile client. Adjust sensitivity to minimize false alarms.

4.4 Night Vision

The camera features two types of night vision:

- **Infrared Night Vision:** Equipped with 4 IR lights, providing clear black-and-white video up to 10 meters in low-light or no-light conditions. The IR lights are controlled automatically via a photoresistor.
- **Color Night Vision:** Utilizes 2 white light lamps to illuminate the area, enabling full-color video recording even at night. This feature can be activated manually or set to trigger upon motion detection.

4.5 Two-Way Audio

The built-in microphone and speaker allow for two-way audio communication. You can listen to the environment around the camera and speak through the camera using the mobile app.

4.6 Video Storage

The camera supports two storage methods for video recordings:

- **Local Storage:** Insert a TF (microSD) card into the camera's slot (supports up to 128GB). The camera can record 24 hours of continuous video or alarm-triggered video to the card.
- **Cloud Storage:** The camera supports cloud storage services. Refer to the mobile app for subscription details and setup instructions for cloud recording.

5. MAINTENANCE

5.1 Cleaning

Regularly clean the camera lens and housing with a soft, dry cloth to ensure clear image quality. Avoid using harsh chemicals or abrasive materials that could damage the camera's surface or lens.

5.2 Firmware Upgrade

Ensure your camera's firmware is up to date for optimal performance and security. Firmware upgrades can typically be performed remotely through the mobile client application via the network.

5.3 Reset Function

If you encounter configuration errors or abnormal behavior, you can perform a one-key reset. Locate the reset button (often near the TF card slot) and press and hold it for several seconds until the camera resets. This will restore the camera to its factory default settings, requiring re-configuration.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your security camera.

- **Camera Offline:**
 - Check power supply: Ensure the adapter is securely connected and receiving power.
 - Wi-Fi connection: Verify your Wi-Fi network is active and the camera is within range. Reconfigure Wi-Fi settings in the app if necessary.
 - Router issues: Restart your Wi-Fi router.
- **Poor Image Quality:**
 - Clean the lens: Dust or smudges on the lens can affect clarity.
 - Network bandwidth: Ensure stable and sufficient Wi-Fi bandwidth for video streaming.
 - Lighting conditions: Adjust camera placement or utilize night vision features as appropriate.
- **Motion Detection Not Working:**
 - Enable motion detection: Confirm the feature is activated in the mobile app settings.
 - Adjust sensitivity: Increase sensitivity if small movements are not detected.
 - Detection zone: Ensure the area of interest is within the configured detection zone.
- **Cannot Connect to Mobile App:**
 - App version: Ensure your mobile app is updated to the latest version.
 - Camera reset: If all else fails, perform a factory reset on the camera and re-add it to the app.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	Ip 66 ptz
Processor	T21L+SP140A
Image Sensor	HD CMOS sensor
Video Resolution	1080P (1920x1080)
Video Format (Mobile)	MP4 (1280*720P)
Video Compression	H.264
Video Frame Rate	Max 25 frames per second
Audio Input/Output	Built-in microphone and speaker
PTZ Control	Horizontal 355°, Vertical 80°
Night Vision (IR)	4 IR lights, 10 meters range, 1W power consumption
Night Vision (White Light)	2 white light lamps, 1W power consumption (for color night vision)
Local Storage	Supports TF card up to 128GB (24 hours video or alarm video)
Cloud Storage	Supported
Wi-Fi Standard	IEEE 802.11b/g/n 2.4G
Supported Protocols	TCP/UDP, IP, HTTP, SMTP, DHCP, DDNS, UPNP, NTP
Motion Detection	Supported (Mobile client push screenshot alarm action)
Firmware Upgrade	Remote upgrade via network
Max Users Share	5 users
Power Supply	12V1A
Working Temperature	0°C ~ 60°C
Working Environment	Outdoor (IP66 certified)
Product Dimensions (LxWxH)	22.9 x 22.9 x 10.2 cm (approx. 9 x 9 x 4 inches)
Item Weight	400 g
Mounting Type	Embedded

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the retailer/manufacturer directly. Specific warranty terms and support channels may vary based on your region and point of purchase.

Always retain your proof of purchase for warranty claims.

