



Clevercam.in

TechEase WiFi & SIM-Based Camera User Manual

Version 1.0 | Works with iCSee App

Product Overview

The TechEase WiFi & SIM-based camera is a modern security solution that combines dual connectivity options—WiFi and 4G/LTE through SIM card support—for flexible deployment. This camera is fully compatible with the iCSee app, allowing you to monitor your property remotely from anywhere in the world.

Key Features

- Dual Connectivity: WiFi and 4G/LTE (SIM card) network support
- iCSee App Integration: Seamless mobile monitoring and control
- High-Definition Video: Crystal-clear video recording with night vision
- Motion Detection: Intelligent motion detection with alert notifications
- Two-Way Audio: Built-in microphone and speaker for real-time communication
- Cloud & Local Storage: Optional cloud storage and microSD card support (up to 128GB)
- Weather Resistant: Durable design suitable for indoor and outdoor use
- Bluetooth Connectivity: BLE (Bluetooth Low Energy) for quick initial device binding and pairing

Package Contents

When you unbox your TechEase camera, ensure you have all the following items:

- 1x TechEase WiFi & SIM Camera Unit
- 1x Power Adapter (DC 5V/2A)
- 1x USB Power Cable
- 2x External WiFi Antennas
- 1x Installation Guide
- 1x Quick Start Guide

- QR Code Tag (for setup)
- Wall Mount Bracket (if applicable)
- Screws and Anchors for Installation
- SIM Card Slot (pre-installed)(sim card not included)
- microSD Card Slot (empty, ready for expansion)

Hardware Components

Camera Exterior

Front Panel:

- Lens with night vision capability (10-15m range)
- Motion sensor (PIR)
- Status LED indicator light
- Built-in microphone

Back/Side Panel:

- Power input port (DC 5-12V)
- microSD card slot
- SIM card slot
- USB port (for configuration/firmware updates)
- WiFi antenna connectors (2x)
- Reset button
- QR code tag

System Requirements

Minimum Device Requirements

Android Devices:

- Android 5.0 or higher
- Minimum 2GB RAM
- 100MB free storage for app
- Internet connection (WiFi or mobile data)

iOS Devices:

- iOS 11.0 or higher
- iPhone 6s or newer
- 100MB free storage for app
- Internet connection (WiFi or mobile data)

Network Requirements

- 2.4GHz WiFi network (IMPORTANT: 5GHz is not compatible)
- Minimum download speed: 2 Mbps
- Stable router with good signal strength
- Active 4G/LTE SIM card (with data plan) for SIM connectivity

- Valid iCSee account (free registration)

Pre-Installation Checklist

- Verify all package contents are present
- Check if power adapter is compatible with your wall outlet
- Identify optimal camera placement location
- Ensure WiFi network is available and 2.4GHz capable
- Obtain 4G/LTE SIM card (if using SIM connectivity)
- Download iCSee app on your smartphone
- Create iCSee account or prepare login credentials
- Note your WiFi network name and password
- Ensure WiFi name does NOT contain special characters
- Have your camera's QR code accessible (bottom of camera)
- Test internet connection on your smartphone
- Ensure router AP isolation is disabled

Installation Guide

Step 1: Physical Installation

Location Selection:

- Choose a location that offers:
 - Clear view of the area you want to monitor
 - Adequate WiFi signal strength
 - Protection from direct rain or extreme sunlight
 - Height of 1.5-2 meters for optimal viewing angle
 - Away from obstacles, trees, or walls that might block WiFi

Installation Process:

1. Mount the camera: Use the included wall bracket and screws
2. Attach antennas: Screw the two external WiFi antennas into connectors on the camera back
3. Connect power: Plug the power adapter into the DC 5V input port on the camera
4. Plug in: Connect the adapter to a nearby power outlet

Step 2: SIM Card Installation (Optional)

If using 4G/LTE connectivity:

1. Locate the SIM card slot on the back of the camera
2. Insert an activated 4G/LTE SIM card into the slot
3. Wait 2-3 minutes for the camera to recognize the SIM card
4. The camera will automatically switch to 4G connectivity when WiFi is unavailable

Step 3: microSD Card Installation (Optional)

For local video storage:

1. Locate the microSD card slot on the camera body
2. Insert a microSD card (up to 128GB) into the slot until it clicks
3. The camera will automatically format the card upon first use
4. Video recordings will be saved locally on the card

iCSee App Setup

Downloading and Installing the App

For Android Users:

1. Open the Google Play Store on your Android device
2. Search for iCSee
3. Tap the Install button
4. Wait for the installation to complete

For iOS Users:

1. Open the Apple App Store on your iPhone/iPad
2. Search for iCSee
3. Tap the Get button
4. Verify with Face ID, Touch ID, or Apple ID password
5. Wait for the installation to complete

WiFi Connection Methods

Method 1: Bluetooth Binding for Initial Setup (RECOMMENDED)

Bluetooth Binding Steps:

1. Power on your camera - wait for startup
2. Open iCSee app on your smartphone
3. Tap + button > Select Add Camera > WiFi Smart Camera
4. Select Bluetooth Binding option
5. App will search for nearby cameras
6. Tap on your camera (TechEase_XXXX) to connect
7. Select your WiFi network from the list
8. Enter your WiFi password (2.4GHz only)
9. Wait for WiFi connected confirmation
10. Tap I have heard the tone in the app
11. Name your device and assign location
12. Tap Finish to complete setup

Bluetooth Connection Tips:

- Keep phone within 3 meters of camera during binding

- Ensure Bluetooth is enabled on smartphone
- Bluetooth is only for initial binding
- After setup, camera connects via WiFi or 4G LTE for remote monitoring

Operation Guide

First-Time Camera Viewing

1. Open iCSee app and log in with your account
2. Tap your camera in the device list
3. Wait 5-10 seconds for the live video stream to load
4. You should see the live camera feed with real-time video

Motion Detection

Enabling Motion Detection:

1. Open camera settings in the iCSee app
2. Navigate to Motion Detection or Alerts
3. Toggle Enable Motion Detection ON
4. Set sensitivity level (Low, Medium, High)
5. Enable notifications for motion alerts

Two-Way Audio

1. Tap the microphone icon in live view
2. Speak into your phone microphone
3. Your voice plays through camera speaker
4. Tap speaker icon to receive camera audio

Night Vision Monitoring

- Camera automatically switches to infrared in low light
- Night vision range: 5-10 meters
- Video appears in black and white during night mode

Troubleshooting

Issue 1: Camera Won't Connect to WiFi

Solutions:

- Verify WiFi name (SSID) is correct
- Ensure password has no typos
- WiFi name should NOT contain special characters
- Check that WiFi is 2.4GHz, not 5GHz
- Restart camera and try setup again
- Position camera closer to router

Issue 2: Camera Connects but No Video Feed

Solutions:

- Check internet speed (minimum 2 Mbps required)
- Reduce video resolution to 720p
- Change frame rate from 30fps to 15fps
- Power off camera for 30 seconds, then power back on

Issue 3: Mobile Push Notifications Not Working

Solutions:

- Enable notifications in phone Settings > Apps > iCSee
- Check camera motion detection is enabled
- Restart your phone

Regular Maintenance

Weekly Maintenance:

1. Check camera lens for dust or debris
2. Verify camera is online in iCSee app
3. Test two-way audio functionality
4. Check that LED indicator is showing correct status

Monthly Maintenance:

1. Clean camera lens with soft, dry microfiber cloth
2. Verify WiFi signal strength remains adequate
3. Test motion detection
4. Review recorded videos for quality

Quarterly Maintenance:

1. Inspect mounting bracket
2. Check antenna connections
3. Update iCSee app
4. Check for firmware updates
5. Test audio recording
6. Verify night vision

Support & Contact

Email Support:

- Address: support@techease.com
- Response Time: 24-48 hours

Phone Support:

- Toll-Free Number: +916280002036- Hours: Monday-Friday, 9 AM - 6 PM
- Language Support: English, Hindi

Warranty Registration:

Online Registration:

1. Visit www.clevercam.in
2. Click Register Warranty
3. Enter camera serial number
4. Enter purchase date and retail location
5. Fill contact information
6. Submit registration

Benefits of Registration:

- Warranty activation confirmation
- Extended support options
- Notification of firmware updates
- Priority customer service

Firmware Updates

Checking for Updates:

1. Open iCSee app
2. Navigate to camera settings
3. Scroll down to About or System
4. Look for Firmware Version
5. Tap Check for Updates
6. If update available, follow on-screen instructions

Importance of Updates:

- Security patches and bug fixes
- Performance improvements
- New feature additions
- Recommended to update immediately

Thank you for choosing TechEase WiFi & SIM-Based Camera!

For the latest product information and support, visit www.clevercam.in

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