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› Denver SHO-110 Smart WiFi Outdoor Dome Camera User Manual

Denver SHO-110

Denver SHO-110 Smart WiFi Outdoor Dome Camera User Manual

Model: SHO-110 | Brand: Denver

1. INTRODUCTION

The Denver SHO-110 Smart WiFi Outdoor Dome Camera is designed to provide reliable outdoor surveillance. This camera features 720p HD video resolution at 30 frames per second, ensuring clear and fluid imaging. Equipped with infrared LEDs, it offers night vision capabilities up to 30 meters. The integrated speaker and microphone enable two-way audio communication. Control and monitoring are managed conveniently through the Denver Smart Home application, compatible with both iOS and Android devices.



Image 1.1: Front view of the Denver SHO-110 Smart WiFi Outdoor Dome Camera with antennas.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- Denver SHO-110 Smart WiFi Outdoor Dome Camera
- Mounting accessories (screws, wall plugs)
- Power adapter
- User Manual (this document)

3. SETUP GUIDE

3.1. Physical Installation

The Denver SHO-110 camera supports multiple mounting options including ceiling and wall mounting. Ensure the chosen location provides a clear view and is within range of your WiFi network.

1. **Choose a Mounting Location:** Select a suitable outdoor location that offers optimal surveillance coverage and protection from direct harsh weather if possible.
2. **Mark Drilling Points:** Use the camera's mounting base as a template to mark the positions for drilling holes.
3. **Drill Holes:** Drill holes at the marked positions. Insert wall plugs if mounting on masonry.
4. **Secure the Camera:** Attach the camera's mounting base to the surface using the provided screws. Adjust the camera angle as needed.

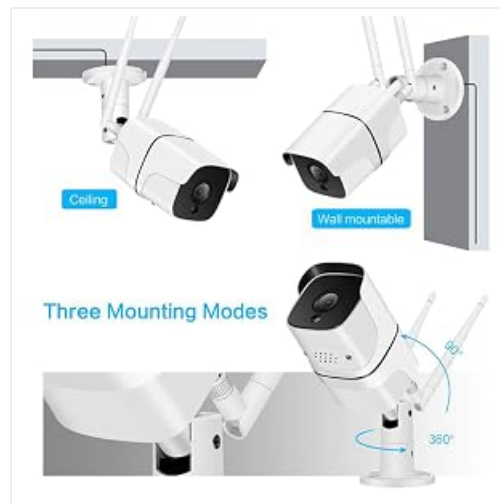


Image 3.1: Illustration of various mounting options for the camera.

3.2. Power Connection

Connect the provided power adapter to the camera's power input and then plug it into a suitable power outlet. The camera will power on automatically.

3.3. App Installation and Pairing

The Denver SHO-110 camera is controlled via the Denver Smart Home app, which is compatible with TUYA smart home systems.

1. **Download the App:** Search for "Denver Smart Home" in the Apple App Store (for iOS) or Google Play Store (for Android) and install it.
2. **Create an Account:** Open the app and follow the on-screen instructions to create a new user account or log in if you already have one.
3. **Add Device:** In the app, tap the "+" icon or "Add Device" to begin the pairing process. Select "Security Camera" or "Smart Camera" from the device list.
4. **Connect to WiFi:** Follow the app's instructions to connect the camera to your 2.4GHz WiFi network. You may need to scan a QR code displayed on your phone with the camera, or the app might guide you through an AP mode connection.
5. **Complete Setup:** Once connected, name your camera and complete the setup process within the app.



Image 3.2: The Denver Smart Home application interface on a smartphone.

4. OPERATING INSTRUCTIONS

4.1. Live View and Recording

Open the Denver Smart Home app and select your camera to view the live feed. You can manually record video or capture screenshots directly from the live view interface.

4.2. Motion Detection

The camera features motion detection. You can enable and configure motion detection settings within the app, including sensitivity levels and alert schedules. When motion is detected, the camera can send notifications to your smartphone and automatically

record video clips.

4.3. Night Vision

The integrated infrared LEDs provide clear night vision up to 30 meters. The camera automatically switches between day and night modes based on ambient light conditions.

4.4. Two-Way Audio

Utilize the built-in speaker and microphone for two-way communication. From the live view in the app, you can speak through the camera and hear audio from the camera's location.



Image 4.1: Demonstration of the two-way audio feature.

4.5. Storage Options

The camera typically supports local storage via a microSD card (not included) and/or cloud storage services (subscription may be required). Refer to the app for specific storage settings and options.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your camera.

- **Clean the Lens:** Periodically wipe the camera lens with a soft, damp cloth to remove dust, dirt, or water spots that may obstruct the view. Do not use harsh chemicals.
- **Check Connections:** Ensure all cables (power, network if applicable) are securely connected and free from damage.
- **Firmware Updates:** Check the Denver Smart Home app regularly for available firmware updates. Keeping the firmware updated ensures the camera has the latest features and security patches.
- **Protect from Elements:** While designed for outdoor use, positioning the camera under an overhang or in a sheltered spot can extend its lifespan and protect it from extreme weather conditions.

6. TROUBLESHOOTING

- **Camera Not Connecting to WiFi:**
 - Ensure your WiFi network is 2.4GHz. The camera may not support 5GHz networks.
 - Verify the WiFi password is entered correctly in the app.
 - Place the camera closer to your WiFi router during initial setup to ensure a strong signal.
 - Restart your router and the camera, then attempt pairing again.
- **Image is Too Bright/Washed Out:**
 - Check the camera's position to ensure there are no strong light sources directly facing the lens, especially at night.

- Adjust image settings (brightness, contrast) within the Denver Smart Home app if available.

- **No Motion Detection Alerts:**

- Ensure motion detection is enabled in the app settings for your camera.
- Adjust the motion detection sensitivity.
- Verify that app notifications are enabled on your smartphone and for the Denver Smart Home app.

- **Two-Way Audio Not Working:**

- Check microphone and speaker permissions for the Denver Smart Home app on your smartphone.
- Ensure the volume on your smartphone and within the app is turned up.
- Verify there are no obstructions blocking the camera's microphone or speaker.

7. SPECIFICATIONS

Feature	Detail
Model Name	SHO-110
Brand	Denver
Resolution	720p HD (30fps)
Connectivity	Wi-Fi (2.4GHz)
Night Vision Range	Up to 30 meters
Audio	Two-Way Audio (Built-in speaker and microphone)
Motion Detection	Yes
Compatibility	TUYA, Denver Smart Home App (iOS/Android)
Power Source	Cable Electric (230 Volts, 6 Watts)
Material	Metal
Dimensions (L x W x H)	5.8 x 18.9 x 9 cm
Weight	442 Grams
Mounting Type	Ceiling Mount, Wall Mount
Usage Environment	Outdoor



Image 7.1: Key features and approximate dimensions of the camera.

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact your retailer. Information regarding the availability of spare parts for this product is currently unavailable.

For technical support or further assistance, please visit the official Denver website or contact their customer service department. You can often find contact details on the product packaging or the Denver Smart Home app.



Image 8.1: Denver brand logo.