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Eques R21-01

Eques R21 Wi-Fi PIR Motion Sensor Ring Doorbell Camera Digital Peephole Viewer User Manual

Model: R21-01

1. Product Overview

The Eques R21 is a Wi-Fi enabled digital peephole viewer designed to enhance home security and convenience. It features a PIR motion sensor, a doorbell camera, and an indoor monitor with an LCD panel. The system allows for remote viewing and interaction via a smartphone application for both Android and iOS devices.
Key features include:

- PIR motion sensor for detecting activity at your door.
- Live view and zoomed picture capabilities for clear identification.
- Quick and easy setup with Wi-Fi connectivity (802.11 b/g/n 2.4Ghz).
- 0.3-megapixel CMOS camera with 320x240 (QVGA) resolution for clear images on the LCD panel.
- Automatic photo and video recording for visitor logs.



Figure 1: Overview of the Eques R21 system, showing the outdoor camera, indoor monitor, and a smartphone displaying the live feed.

2. Package Contents

Please verify that all components are present in your package:

- Eques R21 Outdoor Camera Unit
- Eques R21 Indoor Monitor Unit
- Mounting Bracket
- Mounting Screws and Tools
- USB Charging Cable
- User Manual (this document)

3. Setup and Installation

The Eques R21 is designed for quick and straightforward installation. Ensure your door has an existing peephole for installation.

3.1. Prepare the Door

1. Remove your existing peephole from the door.
2. Ensure the peephole hole is clean and free of debris. The diameter should accommodate the camera unit's barrel.

3.2. Install the Outdoor Camera Unit



Figure 2: The Eques R21 outdoor camera unit, featuring the camera lens, PIR sensor, and doorbell button.

1. Insert the barrel of the outdoor camera unit through the peephole from the outside of the door.
2. Ensure the camera is oriented correctly, with the lens and doorbell button facing outwards and upright.

3.3. Install the Indoor Monitor Unit



Figure 3: The Eques R21 indoor monitor unit, displaying its sleek design and user interface.

1. From the inside of the door, attach the mounting bracket to the camera unit's barrel using the provided screws. Tighten securely.
2. Connect the cable from the outdoor camera unit to the corresponding port on the indoor monitor unit.
3. Mount the indoor monitor unit onto the bracket. Ensure it clicks into place or is secured according to the specific bracket design.



Figure 4: The Eques R21 system fully installed on a door, showing both the outdoor camera and indoor monitor.

3.4. Power On and Wi-Fi Connection

1. Press and hold the power button on the indoor monitor unit to turn it on.
2. Follow the on-screen prompts to connect the device to your 2.4Ghz Wi-Fi network.
3. Download the Eques smartphone application from the App Store (iOS) or Google Play Store (Android).
4. Open the app and follow the instructions to pair your smartphone with the Eques R21 device.

4. Operating Instructions

The Eques R21 offers various functionalities for monitoring your doorstep.

4.1. Live View and Interaction

- **Indoor Monitor:** When the doorbell is pressed or motion is detected, the indoor monitor will activate, displaying a live view of your doorstep. You can also manually activate the live view by pressing the 'OK' button.

- **Smartphone App:** Open the Eques app on your smartphone to access a live feed from the camera at any time. The app allows for two-way audio communication and digital zooming for clearer identification.



Figure 5: The Eques R21 indoor monitor displaying a clear image, suitable for viewing by people of various heights.

4.2. Motion Detection (PIR Sensor)

The integrated PIR motion sensor detects movement outside your door. Upon detection:

- The indoor monitor will activate and display the live view.
- The system will automatically record a photo or video clip (depending on settings).
- You will receive a notification on your paired smartphone via the Eques app.

4.3. Automatic Recording

The Eques R21 automatically captures photos or video recordings when the doorbell is pressed or motion is detected. These recordings are stored internally and can be reviewed on the indoor monitor or through the smartphone application. This feature provides a record of visitors and events at your doorstep.

4.4. Settings and Customization

Access the settings menu on the indoor monitor or through the smartphone app to customize various parameters,

including:

- Motion detection sensitivity.
- Recording duration for video clips.
- Notification preferences.
- Date and time settings.
- Volume control.

5. Maintenance

Regular maintenance ensures optimal performance and longevity of your Eques R21 device.

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and the indoor monitor screen. Avoid abrasive cleaners or solvents.
- **Power:** The device is powered by an internal rechargeable battery. Charge the indoor monitor unit using the provided USB cable when the battery indicator shows low power.
- **Firmware Updates:** Periodically check the Eques app for available firmware updates to ensure your device has the latest features and security enhancements.

6. Troubleshooting

If you encounter issues with your Eques R21, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on indoor monitor	Device is off; Cable disconnected; Low battery	Ensure device is powered on; Check cable connection between units; Charge the indoor monitor.
Cannot connect to Wi-Fi	Incorrect password; Router too far; 5Ghz network	Verify Wi-Fi password; Move device closer to router; Ensure you are connecting to a 2.4Ghz network.
Motion detection not working	PIR sensor blocked; Sensitivity too low; Feature disabled	Ensure sensor is clear; Adjust motion detection sensitivity in settings; Enable feature in settings.
App notifications not received	App permissions; Phone settings; Wi-Fi connectivity	Check app notification permissions on your smartphone; Ensure phone is connected to internet; Verify device Wi-Fi connection.

7. Specifications

Feature	Detail
Model Number	R21-01
Manufacturer	Eques
Product Dimensions	21 x 11 x 6.5 cm
Camera Resolution	0.3 Megapixel CMOS, 320*240 (QVGA)

Feature	Detail
Wi-Fi Compatibility	802.11 b/g/n 2.4Ghz
Color	Multi-color
Batteries Included	No (Internal rechargeable battery)
Date First Available	Nov. 9 2016

8. Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Eques website. Contact information for customer service can typically be found on the manufacturer's website or within the Eques smartphone application.

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