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Schneider Electric RGE2092150

Schneider Electric Ritto TwinBus IP Video Intercom System for Single-Family Homes, Surface Mount, Anthracite Grey - Model RGE2092150

Instruction Manual

1. PRODUCT OVERVIEW

The Schneider Electric Ritto TwinBus IP Video Intercom System (Model RGE2092150) is designed for single-family homes, offering advanced door communication with integrated IP technology. This system allows for reliable audio and video transmission, remote access via a mobile application, and enhanced security features.

1.1. Key Features

- Digital 2-wire IP technology for audio and video transmission.
- Surface-mounted door station in anthracite grey with an aluminum frame.
- 7-inch touchscreen indoor station with integrated WiFi.
- Mobile application connectivity for remote communication and door opening.
- Intercom function, door opening function, and night vision capability.
- Includes REG power supply and REG bus filter for system stability.

1.2. Components Included

The RGE2092150 kit typically includes the following components:

- **Listo Video Door Station:** Surface-mounted, anthracite grey.
- **TwinBus IP Indoor Station:** 7-inch touchscreen monitor.
- **REG Power Supply:** For system voltage supply.
- **REG Bus Filter:** To reduce interference in the TwinBus IP system.



Figure 1: Individual components of the TwinBus IP Video Intercom System: door station, indoor monitor, power supply unit, and bus filter.

2. SETUP AND INSTALLATION

This section provides general guidelines for the installation of your TwinBus IP Video Intercom System. Professional installation is recommended for optimal performance and safety.

2.1. Mounting the Door Station

The Listo Video Door Station is designed for surface mounting. Ensure the chosen location provides clear visibility of the entrance area and is protected from direct harsh weather conditions. Use appropriate fasteners for the mounting surface.



Figure 2: Close-up view of the Schneider Electric Ritto TwinBus IP outdoor door station, showing the camera, speaker, and call button.

2.2. Installing the Indoor Station

The TwinBus IP Indoor Station features a 7-inch touchscreen and can be mounted horizontally or vertically. Select a central location within your home for easy access. Ensure the mounting height is convenient for all users.



Figure 3: Close-up view of the Schneider Electric Ritto TwinBus IP indoor monitor with its 7-inch touchscreen interface.

2.3. Wiring and Power Supply

The system utilizes digital 2-wire IP technology for communication. Connect the door station and indoor station to the REG power supply and REG bus filter according to the wiring diagram provided in the full installation guide. Ensure all connections are secure and correctly polarized.



Figure 4: Rear view of the TwinBus IP indoor station showing mounting brackets and wiring terminals, alongside the power supply and bus filter units.

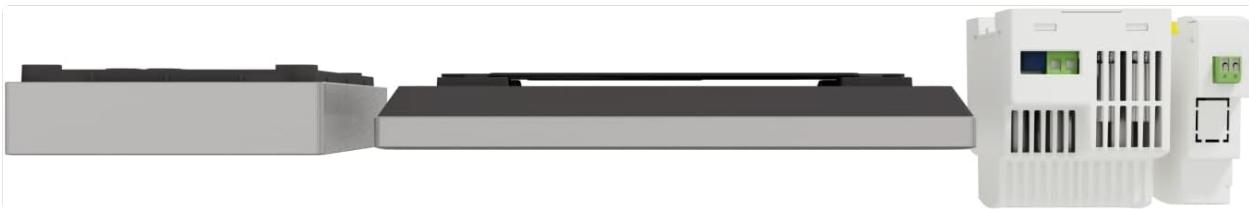


Figure 5: Close-up of the TwinBus IP Bus Filter, detailing its product label which includes the model number RGE2057101, regulatory marks, and a QR code for additional product information.

3. OPERATING INSTRUCTIONS

3.1. Indoor Station Functions

The 7-inch touchscreen indoor station provides access to various functions:

- **Answering Calls:** When a visitor presses the call button on the door station, the indoor station will ring. Tap the screen to answer.
- **Two-Way Communication:** Engage in a conversation with the visitor at the door.
- **Door Opening:** Use the dedicated icon on the screen to remotely open the door or gate (if connected).
- **Live View:** Access a live video feed from the door station camera at any time.
- **Night Vision:** The door station's night vision capability ensures clear visibility even in low-light conditions.



Figure 6: The touchscreen interface of the TwinBus IP indoor monitor displaying icons for call history, camera view, and intercom.

3.2. Mobile Application (TwinBus IP App)

The integrated WiFi function of the indoor station allows connection to the TwinBus IP mobile application. This enables you to:

- Receive door calls on your mobile device, even when away from home.
- Communicate with visitors remotely.
- View live video from the door station camera.
- Remotely open the door or gate.

Download the TwinBus IP app from your device's app store (available for iOS and Android).



Figure 7: A smartphone displaying the TwinBus IP mobile application interface with an incoming call and control options.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your TwinBus IP Video Intercom System.

- **Cleaning:** Gently wipe the door station and indoor station surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Camera Lens:** Keep the camera lens on the door station clean and free from obstructions for clear video quality.
- **Software Updates:** Periodically check for firmware updates for the indoor station and app updates for the mobile application to ensure you have the latest features and security enhancements.
- **Connection Check:** Ensure all wiring connections remain secure.

5. TROUBLESHOOTING

If you encounter issues with your system, refer to the following common troubleshooting steps:

- **No Video/Audio:**
 - Check power supply connections.
 - Verify 2-wire bus connections are secure and correctly polarized.
 - Ensure the REG bus filter is properly installed.
 - Restart the system by temporarily disconnecting and reconnecting power.
- **App Connectivity Issues:**

- Ensure the indoor station's WiFi is enabled and connected to your home network.
- Check your mobile device's internet connection.
- Restart the TwinBus IP app on your mobile device.
- Verify that the app is updated to the latest version.

• **Door Opening Not Working:**

- Confirm the electric strike or gate opener is correctly wired to the door station.
- Check the power supply to the door opening mechanism.

For persistent issues, consult the detailed troubleshooting guide available on the Schneider Electric support website or contact customer support.

6. SPECIFICATIONS

Feature	Detail
Brand	Schneider Electric
Model Number	RGE2092150
Product Dimensions (L x W x H)	40 x 28 x 13 cm
Item Weight	2.24 kilograms
Color	Anthracite Grey
Style	Surface Mount
Number of Items	1 (Kit)
Components Included	Ritto Twinbus IP Video Intercom Kit with indoor station, power supply, surface mount, grey
Batteries Required	No
Connectivity	Digital 2-wire IP, WiFi
Country of Origin	Netherlands

7. WARRANTY INFORMATION

Specific warranty details for the Schneider Electric Ritto TwinBus IP Video Intercom System (Model RGE2092150) are not available in the provided product information. Please refer to the official Schneider Electric website or contact their customer service for detailed warranty terms and conditions applicable to your region.

Information regarding the availability of spare parts is also not provided.

8. SUPPORT

For technical assistance, product inquiries, or further support, please contact Schneider Electric customer service or visit their official support portal. You may need your product model number (RGE2092150) and purchase details when seeking support.

Online Resources:

- Schneider Electric Official Website: www.se.com
- Ritto TwinBus IP product page (if available): Refer to the QR code on the bus filter (Figure 5) or search on the Schneider Electric website using model number RGE2092150.

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