

RoadEazy

RZ1 Quick Start Guide

RoadEazy RZ1 Hub and Camera

FCC Regulations:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with radio frequency (RF) exposure limits adopted by the Federal Communications Commission for an uncontrolled environment. This equipment should operate with minimum distance 20 cm between the radiator & your body. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to" part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. To comply with FCC RF Exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for the transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

ISED Statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

In order to avoid the possibility of exceeding the IC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

Afin d'éviter la possibilité de dépasser les limites d'exposition aux fréquences radio de la IC CNR102, la proximité humaine à l'antenne ne doit pas être inférieure à 20 cm (8 pouces) pendant le fonctionnement normal.

5. Regular Maintenance:

- Periodically inspect the device and its mounting to ensure it remains securely attached and properly positioned.
- Check cable connections regularly to prevent loosening due to vehicle vibration.

6. Distraction Warning:

- Do not operate, adjust, or view the device while driving. Pull over safely before making any changes to the device settings or reviewing recorded footage.

7. Modifications:

- Do not attempt to modify, disassemble, or repair the device. Any unauthorized modifications may void the warranty and potentially compromise the safety features of the device.

8. Emergency Services:

- In the event of an accident or emergency, prioritize personal safety and contacting emergency services over any operation of this device.

By installing and using this device, you acknowledge that you have read, understood, and agree to follow these safety guidelines. The manufacturer and distributor disclaim any liability for improper installation, use, or any consequences arising therefrom.

For further information or clarification, please consult the full user manual or contact our customer support.

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Welcome to the RZ1 Vehicle Hub and Camera

Congratulations on your purchase of the RZ1, a cutting-edge solution in vehicle telematics and AI video monitoring. You've made an excellent choice that will enhance your fleet's safety, efficiency, and performance.

The RZ1 combines advanced video capabilities with robust vehicle data collection, offering you unprecedented insights into your operations. Whether you're looking to improve driver safety, optimize route efficiency, or enhance your fleet's overall performance, the RZ1 provides the tools you need. This quick start guide will help you set up and begin using your RZ1 system, allowing you to quickly harness its powerful features and start reaping the benefits of this innovative technology.

Safety Notice

Installation and Use of RZ1 Vehicle Hub and RZ1 Camera

IMPORTANT: Read all instructions and safety information before installing or operating this device. Failure to follow these guidelines may result in property damage, personal injury, or violation of local laws.

1. **Professional Installation Recommended:** For optimal performance and to ensure compliance with all applicable regulations, professional installation of this device is strongly recommended.
2. **Mounting Location:**
 - Install the device in a location that does not obstruct the driver's view of the road or interfere with the deployment of airbags or other safety equipment.
 - Ensure the device and all associated cables do not interfere with vehicle controls, including steering, brake, clutch, or accelerator pedals.
3. **Cable Management:**
 - Route all cables to avoid interference with vehicle operation and to prevent entanglement with the driver or passengers.
 - Secure cables away from moving parts, heat sources, and areas where they may be pinched or damaged.
 - Use appropriate cable management tools (e.g., cable ties, adhesive clips) to secure cables firmly in place.
4. **Electrical Connections:**
 - All electrical connections must be made in accordance with the vehicle manufacturer's guidelines and local regulations.
 - Do not modify, cut, or splice existing vehicle wiring.
 - Use only the power adapter and cables provided with the device or approved by the manufacturer.
 - Compliance with Local Laws:
 - It is the responsibility of the owner/operator to ensure that the use of this device complies with all applicable local, state, and federal laws regarding privacy and electronic surveillance.
 - Be aware of and adhere to all regulations concerning the recording of audio or video in your jurisdiction.

LED's

RZ1 Vehicle Hub's LED's

LED	Color	Description
PWR	Green	Indication device is powered on
CELL	RED	Low or no cell reception
CELL	YELLOW	Fair or good cell reception
CELL	GREEN	Very good or excellent reception
CELL	BLUE	Firmware upgrade (do not disconnect)
GNSS	RED	Low or no GPS reception
GNSS	YELLOW	Fair or good GPS reception
GNSS	GREEN	Very good or excellent reception

RZ1 Camera System LED's

Position	Color	Description
TOP	Green	Power Connected
BOTTON	RED	Blinking – recording video

What's in the box

RZ1 Main Package

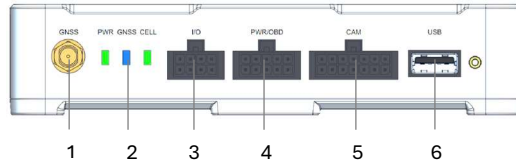
1. RZ1 Vehicle Hub
2. RZ1 Camera
3. Safety screwdriver

Installation Kit (sold separately)

1. Power cable
2. ZIP Ties
3. Alcohol Wipe
4. Cable clips

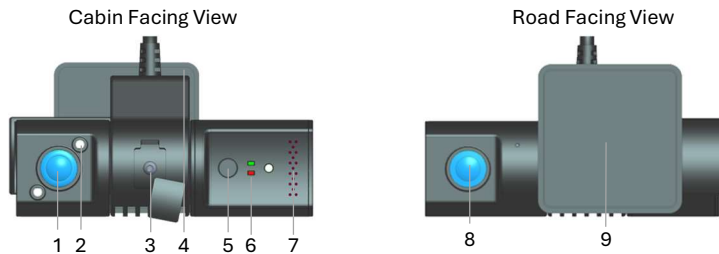
About your RZ1 System

RZ1 Vehicle Hub



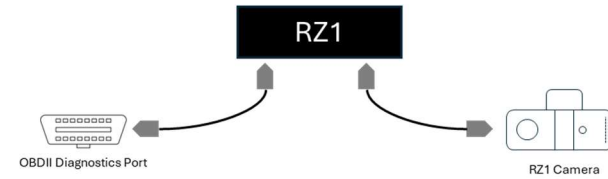
Label	Description
1	GNSS <i>Optional</i> external GPS antenna connector
2	LED Indicates device and connectivity status
3	I/O <i>Optional</i> I/O expansion port
4	PWR/OBD Connectivity to OBD/J1939 port
5	CAM Connectivity to RZ1 camera
6	USB <i>Optional</i> USB expansion

RZ1 Camera



Description
1 Cabin Facing Camera
2 IR LED's
3 Lock/Unlock screw to rotate cameras
4 3M Mounting Pad
5 Driver Alert Button
6 Status LED's
7 Speaker and Microphone
8 Road Facing Camera
9 3M Mounting Pad

Installation



Installing the RZ1 Hub

1. Install the RZ1 Vehicle Hub by connecting the installation cable to the OBDII port of the vehicle and the RZ1 PWR/OBD port. (cables provided separately)
 2. Place the RZ1 Vehicle Hub underneath the dashboard and behind the diagnostic port.
- Make sure to keep all cables and parts out of the drivers way*
3. The power LED should be turning green, please refer to the LED

Connecting the RZ1 Camera

1. Identify the mounting location of the camera and thoroughly clean with the provided wipe. Position the camera below the rear-view mirror and above the windshield sweep.
2. Peel off the protective sheet of the adhesive tape and firmly press the camera against the windshield.
3. Adjust the camera angles by unlocking the cameras using the attached screwdriver and loosening the locking screw on the camera.
4. Tighten back the screw when reaching desired angles.
5. Run the cable from the RZ1 Camera from the top of the windshield using the attached cable clips or tuck it under the glass seal around the windshield to the RZ1 Vehicle Hub.
6. Connect the camera cable to the RZ1 Vehicle Hub CAM port.