Ricoh 910844

Ricoh Theta X 360-Degree Camera User Manual

Model: 910844

Introduction

This manual provides essential information for the safe and effective use of your Ricoh Theta X 360-Degree Camera. Please read it thoroughly before operating the device and retain it for future reference.



Figure 1: Ricoh Theta X 360-Degree Camera and included accessories.

Setup

1. Unboxing and Initial Inspection

Carefully remove all items from the packaging. Verify that all components are present:

- Ricoh THETA X 360° Camera
- Ricoh DB-110 Rechargeable Lithium-Ion Battery (3.6V 1350mAh)
- USB Type-C Cable
- Soft Case
- Photography Software (digital license/download instructions)
- 64GB Extreme Pro microSDXC Memory Card
- P-Bank (Portable Power Bank)

- 12-Inch Flexible Tripod
- Li-90B Replacement Battery
- LI-90B Battery Charger
- Camera Cleaning Kit
- Memory Card Wallet
- Memory Card Reader

Inspect the camera for any visible damage. If any items are missing or damaged, contact your retailer or Ricoh support.

2. Battery Installation and Charging

The Ricoh Theta X uses a swappable DB-110 battery. Ensure the battery is fully charged before first use.

1. Locate the battery compartment on the camera.
2. Insert the DB-110 battery, ensuring correct orientation.
3. Close the battery compartment cover securely.
4. Connect the camera to a power source using the supplied USB Type-C cable. The charging indicator light will illuminate.
5. Charging is complete when the indicator light turns off or changes color (refer to camera display for exact status).

The included P-Bank can be used to charge the camera on the go. The LI-90B Battery Charger can be used to charge the replacement battery independently.

3. Memory Card Insertion

The camera has 46GB of internal memory and supports MicroSDXC cards for expanded storage.

1. Locate the microSDXC card slot on the side of the camera.
2. Insert the 64GB Extreme Pro microSDXC Memory Card with the contacts facing down until it clicks into place.
3. To remove, gently push the card in until it springs out.





Figure 2: Side view of the camera, highlighting button placement and ports.

4. Initial Power On

Press and hold the Power button (located on the side) until the screen illuminates. Follow any on-screen prompts for initial setup, such as language selection and date/time settings.

Operating the Camera

1. Camera Controls and Touchscreen

The Ricoh Theta X features a 2.25-inch touchscreen for intuitive control and live preview. Physical buttons are also

present for essential functions.

- **Power Button:** Turns the camera on/off.
- **Mode Button:** Cycles through different shooting modes (e.g., photo, video, live streaming).
- **Touchscreen:** Tap to select options, swipe to navigate menus, pinch to zoom (where applicable).





Figure 3: Front view of the camera, showcasing the 2.25-inch touchscreen display.

2. Photo and Video Capture

The camera is equipped with dual 48MP CMOS sensors, enabling high-resolution 360-degree content.

- **Still Images:** Capture up to 60MP JPEG photos. Select photo mode using the Mode button or touchscreen, then tap the shutter icon on the screen or press the physical shutter button (if available, typically integrated with power/mode or on the side).
- **Video Recording:** Record 5.7K30 video. Switch to video mode, then tap the record icon. The camera features advanced image stabilization for smooth footage and real-time stitching to eliminate post-processing.

3. Connectivity and App Usage

The Ricoh Theta X offers robust connectivity options for seamless integration with other devices.

- **Bluetooth:** For remote control and initial pairing with a smartphone.
- **Wi-Fi (MIMO):** For high-speed data transfer and live view streaming to a connected device.
- **Client Mode:** Allows the camera to connect to a Wi-Fi network directly, enabling remote operation from a computer or other device on the same network.
- **Smartphone App:** Download the official Ricoh Theta app for your smartphone (iOS/Android) to control the camera remotely, view live footage, transfer files, and adjust settings.

4. File Transfer

Transfer your captured photos and videos to a computer or smartphone.

- **USB Connection:** Connect the camera to your computer using the USB Type-C cable. The camera will appear as a removable storage device.
- **Wi-Fi Transfer:** Use the Ricoh Theta smartphone app to wirelessly transfer files to your phone.
- **Memory Card Reader:** Insert the microSDXC card into the provided memory card reader and connect it to your computer for direct file access.

Maintenance

1. Cleaning the Camera

Regular cleaning helps maintain optimal performance and image quality.

- **Lenses:** Use a soft, lint-free cloth or the included camera cleaning kit to gently wipe the lenses. Avoid touching the lenses directly with your fingers. For stubborn smudges, use a lens cleaning solution sparingly on the cloth, not directly on the lens.
- **Body:** Wipe the camera body with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.

2. Firmware Updates

Ricoh periodically releases firmware updates to improve camera performance, add features, and fix bugs. It is recommended to keep your camera's firmware up to date.

- Check the official Ricoh website or the Ricoh Theta smartphone app for available firmware updates.
- Follow the instructions provided by Ricoh carefully to perform the update. Ensure the camera battery is fully charged before starting an update.

3. Storage Management

Regularly manage your camera's internal and external storage to prevent running out of space.

- Transfer important files to a computer or cloud storage.
- Format the microSDXC card periodically (this will erase all data, so back up first).
- Delete unwanted files directly from the camera's touchscreen interface.

Troubleshooting

This section addresses common issues you might encounter with your Ricoh Theta X camera.

Problem	Possible Cause	Solution
Camera does not power on.	Battery is depleted or not inserted correctly.	Charge the battery fully. Ensure the battery is inserted with correct orientation.
Cannot connect to smartphone via Wi-Fi.	Wi-Fi is off, incorrect password, or app issue.	Ensure Wi-Fi is enabled on camera and phone. Verify Wi-Fi password. Restart both camera and phone. Reinstall the Ricoh Theta app.
Images/Videos are blurry or distorted.	Lenses are dirty, camera moved during capture, or low light conditions.	Clean the lenses. Hold the camera steady during capture. Use appropriate lighting or adjust exposure settings.
Camera freezes or becomes unresponsive.	Software glitch or excessive heat.	Perform a soft reset by holding the power button until it turns off, then restart. If persistent, check for firmware updates. Allow camera to cool down if hot.
Memory card error.	Card is full, corrupted, or incompatible.	Transfer files and format the card. Try a different compatible microSDXC card.

Specifications

Detailed technical specifications for the Ricoh Theta X 360-Degree Camera.

Feature	Detail

Feature	Detail
Brand	Ricoh
Model Name	910844
Photo Sensor Technology	CMOS
Supported File Format	JPEG, MP4
Image Stabilization	Digital, Optical, Sensor-shift
Maximum Webcam Image Resolution	48 MP
Photo Sensor Size	1/2.0-inch
Effective Still Resolution	60 MP
Video Resolution	5760 x 3072 (5.7K)
Frame Rate	30 FPS (for 5.7K)
Screen Size	2.25 Inches
Memory Storage Capacity	46GB Internal + MicroSDXC support (up to 64GB included)
Battery Type	Lithium Ion (DB-110, 1350mAh)
Connectivity	Bluetooth, MIMO Wi-Fi, USB Type-C
Body Material	Lightweight magnesium alloy
Built-in Features	GPS, Real-time stitching
Water Resistance Level	Not Water Resistant
Item Weight	1 Pounds

Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the official Ricoh website or contact Ricoh customer service directly. Keep your proof of purchase for warranty claims.
Ricoh Official Website: www.ricoh.com
Product Support Page: www.ricoh.com/products/theta/

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