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DJI SS-DJI-ZX4S

DJI Zenmuse X4S Camera Instruction Manual

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of the DJI Zenmuse X4S camera.

1. PRODUCT OVERVIEW

The DJI Zenmuse X4S is a high-performance aerial camera designed for professional photography and videography. It features a 1-inch CMOS sensor, a 24mm equivalent prime lens, and a 3-axis gimbal for stable footage. This manual will guide you through its proper use and care.



Figure 1.1: DJI Zenmuse X4S camera and gimbal system.

What's in the Box

- DJI Zenmuse X4S Camera and Gimbal
- Protective Storage Case
- Lens Cap
- Gimbal Clamp



Figure 1.2: DJI Zenmuse X4S camera and components stored in its protective case.

2. SAFETY INFORMATION

Before operating the DJI Zenmuse X4S, please read and understand all safety guidelines to ensure safe and proper use. Failure to follow these instructions may result in damage to the product or personal injury.

- Always handle the camera and gimbal with care. Avoid sudden impacts or excessive force.
- Do not expose the camera to water or moisture.
- Operate the camera within its specified temperature range.
- Ensure the gimbal clamp is removed before powering on the device to prevent motor damage.
- Keep the lens clean and free from dust or debris.

3. SETUP

3.1 Unpacking

Carefully remove the Zenmuse X4S and all accessories from its packaging. Inspect for any signs of damage during transit.

3.2 Gimbal Installation

1. Ensure the aircraft (e.g., DJI Inspire 2) is powered off.
2. Align the Zenmuse X4S gimbal connector with the aircraft's gimbal port.
3. Gently push the gimbal into place until it clicks securely.
4. Twist the gimbal lock to secure it.



Figure 3.1: DJI Zenmuse X4S camera securely mounted to a compatible drone.

3.3 Initial Power-On

1. Remove the lens cap and the gimbal clamp.
2. Power on the aircraft. The Zenmuse X4S will perform a self-check and initialize.
3. Connect your mobile device to the remote controller and launch the DJI GO 4 app.

4. OPERATING THE CAMERA

4.1 Camera Controls

All camera settings and gimbal movements are controlled via the DJI GO 4 app and the remote controller. Familiarize yourself with the app interface for optimal control.

- **Shutter Button:** Press once to take a photo, press to start/stop video recording.
- **Gimbal Pitch Control:** Use the remote controller's dial to adjust the camera's vertical angle.

- **Focus Control:** Tap on the screen in the DJI GO 4 app to set focus, or use manual focus mode.

4.2 Photo and Video Capture

1. In the DJI GO 4 app, select either Photo or Video mode.
2. Adjust camera parameters such as ISO, shutter speed, aperture, and white balance according to your shooting environment.
3. Frame your shot using the live view feed on your mobile device.
4. Press the dedicated shutter/record button on the remote controller to capture your content.

5. MAINTENANCE

5.1 Cleaning

- **Lens:** Use a soft, lint-free microfiber cloth specifically designed for camera lenses. For stubborn smudges, use a small amount of lens cleaning solution.
- **Camera Body and Gimbal:** Wipe with a clean, dry, soft cloth. Do not use alcohol or other harsh solvents.
- Avoid getting dust or debris into the gimbal motors or connectors.

5.2 Storage

When not in use, store the Zenmuse X4S in its original protective case or a similar padded container. Ensure the gimbal clamp is re-attached to protect the gimbal during transport and storage. Store in a cool, dry place away from direct sunlight.

5.3 Firmware Updates

Regularly check for and install the latest firmware updates for your Zenmuse X4S and compatible aircraft via the DJI GO 4 app. Firmware updates often include performance improvements, bug fixes, and new features.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your DJI Zenmuse X4S.

- **Gimbal Not Level or Vibrating:**
 - Ensure the gimbal clamp has been removed before powering on.
 - Perform a gimbal calibration through the DJI GO 4 app.
 - Check for any obstructions around the gimbal.
- **Image Blurry or Out of Focus:**
 - Clean the lens with a microfiber cloth.
 - Verify that the focus mode (auto or manual) is set correctly in the DJI GO 4 app.
 - Ensure the aircraft is stable during flight.
- **No Video Feed in DJI GO 4 App:**
 - Check all cable connections between the camera, gimbal, and aircraft.
 - Restart the aircraft, remote controller, and the DJI GO 4 app.
 - Ensure the mobile device is properly connected to the remote controller.
- **Camera Not Responding:**
 - Power cycle the aircraft.

- Check for firmware updates and install if available.
- If the issue persists, contact DJI Support.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	6 x 6 x 8 inches
Item Weight	2.05 pounds
ASIN	B01MSZ3RG7
Item Model Number	SS-DJI-ZX4S
Brand	DJI
Lens Type	Telephoto
Compatible Mountings	Micro Four Thirds
Camera Lens Description	DJI Zenmuse X4S
Lens Design	Zoom

8. WARRANTY AND SUPPORT

For detailed warranty information, terms, and conditions, please refer to the official DJI website. Keep your proof of purchase, such as your receipt or invoice, as it will be required for any warranty claims.

If you encounter any issues that cannot be resolved using the troubleshooting guide, or require further technical assistance, please contact DJI Customer Support through their official channels. You can typically find contact information and support resources on the DJI website.