TTARTISAN B0998QJWD4

TTArtisan APS-C 7.5mm F2.0 Fisheye Lens Instruction Manual

Model: B0998QJWD4

1. Product Overview

The TTArtisan APS-C 7.5mm F2.0 Fisheye Lens is a compact and durable manual lens designed for APS-C and full-frame cameras (when used in circular fisheye mode). It offers an expansive 180° diagonal angle of view, producing unique perspectives and creative distortions. Its fast F2.0 maximum aperture is beneficial for shooting in various lighting conditions, including low light and astrophotography.

Figure 1.1: Front view of the TTArtisan APS-C 7.5mm F2.0 Fisheye Lens.

Key Features:

- **Dramatic Distortion:** Characterized by an expansive 180° diagonal angle of view, this fisheye lens is an all-manual lens capable of producing unique perspectives and creative distortions.
- **F2 Large Aperture:** The lens's f/2 maximum aperture benefits working in a variety of lighting conditions and also helps to maintain a small and lightweight form factor for handheld shooting.
- **Wide Used:** It's a fast and ultra-wide fisheye lens widely used in landscape, travel, 360° VR panorama production, insect, starry sky etc. The lens's manual focus design permits working with subjects as close as 0.4' away and it features a 7-blade diaphragm that contributes to a smooth and pleasing bokeh quality.
- **Durable & Compact:** Metal body, only weight 347g. Anodizing coloring design, which enhances the lens anti-corrosion, an-dirt functions. It features a built-in petal-shaped lens hood to help reduce flare.
- **Compatibility System:** Compatible with Canon RF mount cameras like EOS R, EOS RP, EOS R5, EOS R5C, EOS R6, EOS R6 Mark II, EOS R3, EOS R8 (Full Frame) and EOS R7, EOS R10, EOS R50, EOS R100 (APS-C Frame).

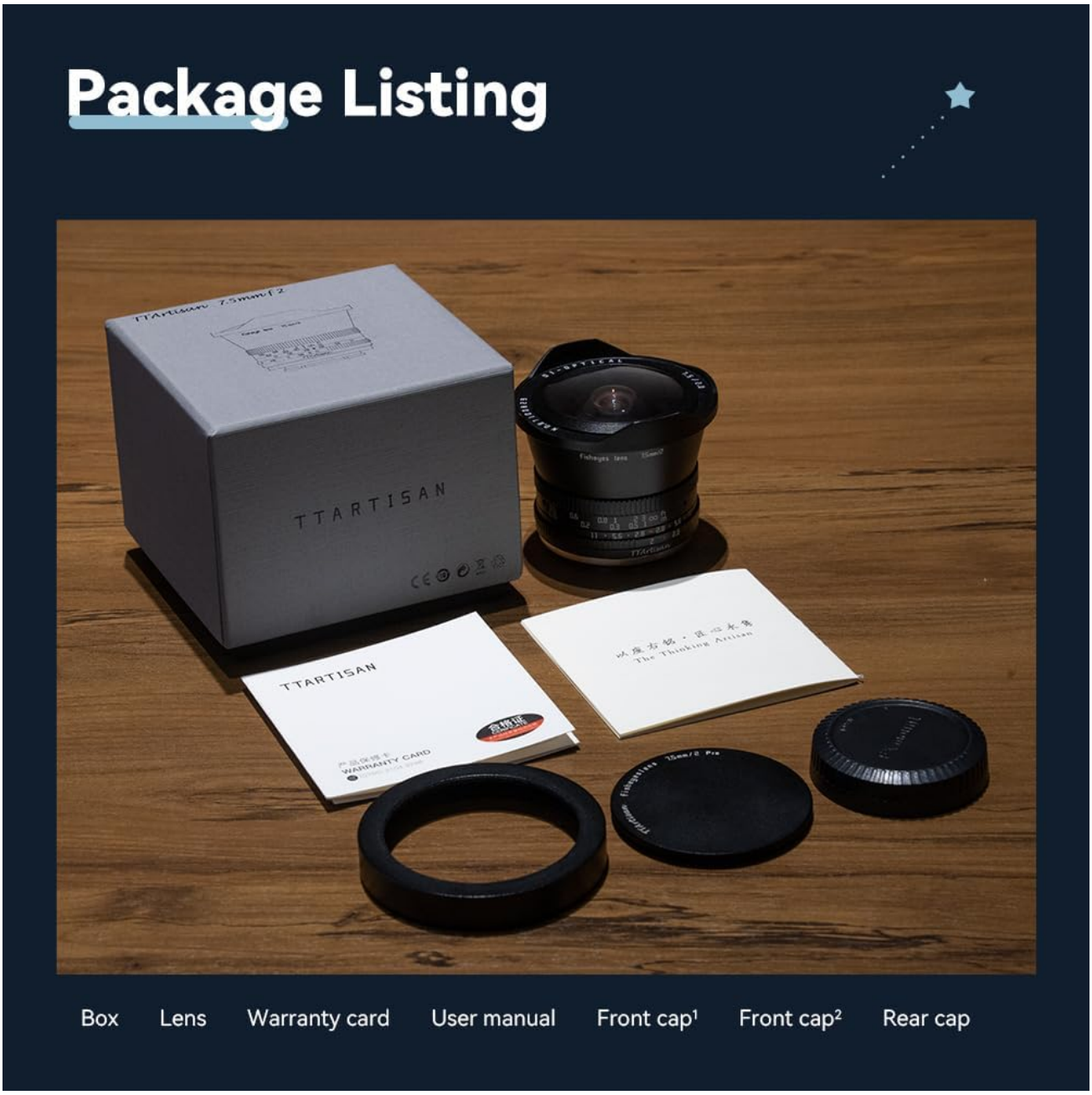

Figure 1.2: The lens package includes the lens, warranty card, user manual, and front/rear caps.

2. Setup

2.1 Attaching the Lens to Your Camera

1. Ensure your camera is powered off.
2. Align the red dot on the lens barrel with the red dot on your Canon RF mount camera body.
3. Gently insert the lens into the camera's lens mount.
4. Rotate the lens clockwise until it clicks into place, indicating it is securely locked.
5. Remove the front and rear lens caps.

Note: This is a fully manual lens. Ensure your camera settings allow for shooting without a lens attached (often called "Release shutter without lens" or similar) and that you are comfortable with manual focus and aperture control.

Figure 2.1: The TTArtisan 7.5mm F2.0 Fisheye Lens securely mounted on a Canon EOS RP camera body.

2.2 Understanding Fisheye Modes (for Full-Frame Cameras)

While primarily designed for APS-C sensors, this lens can be used on full-frame cameras to achieve different effects:

- **Diagonal Fisheye (APS-C Mode):** When used on a full-frame camera without any lens cap and set to APS-C mode, you will get a diagonal fisheye image similar to that taken on an APS-C camera.
- **Circular Fisheye:** To achieve a circular fisheye effect on a full-frame camera, remove the outermost lens cap and install the lens with the accessory (likely a specific adapter or ring, though not explicitly detailed in provided data) on the full-frame camera. Select the full-frame mode to produce pictures with a circular image.

Figure 2.2: Comparison of diagonal fisheye (left) and circular fisheye (right) effects.

3. Operating the Lens

3.1 Manual Focus

The TTArtisan 7.5mm F2.0 Fisheye Lens features a manual focus design. To focus, rotate the focus ring on the lens barrel until your subject appears sharp in the viewfinder or on your camera's LCD screen. Many modern mirrorless cameras offer focus peaking and magnification aids, which are highly recommended for precise manual focusing.
The lens allows focusing on subjects as close as 0.4 feet (approximately 0.12 meters) away, enabling creative close-up fisheye shots.

3.2 Aperture Control

The aperture is controlled by rotating the aperture ring on the lens. The F2.0 maximum aperture allows for excellent low-light performance and the creation of images with shallow depth of field and pleasing bokeh, despite the wide angle of view. The 7-blade diaphragm contributes to this smooth bokeh quality.

Figure 3.1: The F2.0 large aperture is ideal for capturing stunning starry sky photographs.

3.3 Creative Applications

This fisheye lens is versatile for various photographic styles:

- **Landscape and Travel:** Capture expansive scenes with a unique, distorted perspective.
- **360° VR Panorama Production:** The ultra-wide angle significantly reduces the number of shots needed to cover a full 360° field of view, making it excellent for virtual reality panoramas.
- **Astrophotography:** The fast F2.0 aperture is highly effective for capturing wide-field night sky and Milky Way images.
- **Time-lapse Photography:** A piece of ND1000 filter that can be rotated and installed at the end of the lens is presented to help you take stunning time-lapse photos.

Figure 3.2: Example of time-lapse photography, enhanced by the included ND1000 filter.

Figure 3.3: Fisheye lenses are often used for creating immersive 360° panoramic photos.

3.4 Official Product Video

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Video 3.1: An official product video showcasing the TTArtisan 7.5mm F2.0 Fisheye Lens and its capabilities.

4. Maintenance

4.1 Cleaning the Lens

- Use a soft, lint-free microfiber cloth specifically designed for optical surfaces to gently wipe the lens elements.
- For stubborn smudges or fingerprints, apply a small amount of lens cleaning solution to the cloth (not directly to the lens) and wipe in a circular motion from the center outwards.
- Use a blower brush to remove dust and loose particles before wiping to prevent scratching.
- Avoid touching the lens elements with your fingers.

4.2 Storage

- Always attach both front and rear lens caps when the lens is not in use.
- Store the lens in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for extended periods, consider using a dehumidifying cabinet or silica gel packets to prevent mold and fungus growth.

The lens features a durable metal body with an anodizing coloring design, enhancing its anti-corrosion and anti-dirt properties. This robust construction ensures longevity with proper care.

5. Troubleshooting

5.1 Camera Not Recognizing Lens / Shutter Not Releasing

Since this is a fully manual lens with no electronic contacts, your camera may not automatically detect its presence. If your camera displays an error message like "Lens not attached" or the shutter won't release:

- Go into your camera's menu settings.
- Look for an option such as "Release shutter without lens," "Shoot without lens," or "No lens release."
- Enable this setting. This will allow the camera to fire the shutter even when no electronically communicating lens is attached.

5.2 Images Appear Soft or Out of Focus

- **Manual Focus Accuracy:** Ensure you are accurately focusing. Utilize your camera's focus peaking and magnification features (if available) to achieve critical focus.
- **Aperture Setting:** While F2.0 is great for low light, lenses are often sharper when stopped down slightly (e.g., F4.0 or F5.6). Experiment with different aperture settings to find the sharpest results for your desired depth of field.
- **Subject Distance:** Ensure your subject is within the lens's focusing range (0.4 feet to infinity).
- **Camera Shake:** Use a tripod or increase your shutter speed, especially in low light, to avoid camera shake.

5.3 Excessive Distortion

Fisheye lenses are designed to produce significant barrel distortion, which is a characteristic of their ultra-wide angle of view. This is not a defect but an inherent property of the lens. Embrace the creative possibilities of this distortion, or use software correction if a less distorted image is desired (though full correction of fisheye distortion is often not possible without significant cropping).

6. Specifications

Attribute	Value
Brand	TTARTISAN
Model	B0998QJWD4
Focal Length	7.5mm
Maximum Aperture	F2.0
Lens Type	Fisheye
Compatible Mountings	Canon RF
Product Dimensions	2.32 x 2.83 x 2.83 inches

Item Weight	1.17 pounds (approx. 530g)
Minimum Focus Distance	0.4 feet (approx. 0.12 meters)
Diaphragm Blades	7

7. Warranty and Support

7.1 Warranty Information

The TTArtisan APS-C 7.5mm F2.0 Fisheye Lens comes with a 12-month warranty from the date of purchase. This warranty covers manufacturing defects and ensures quality assurance. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For any inquiries, technical assistance, or support regarding your TTArtisan lens, please visit the official TTArtisan store or contact their customer service. Details can typically be found on the manufacturer's website or through the retailer where the product was purchased.
TTArtisan aims to provide one-stop product support and reliable service for all its customers.

Related Documents

	TTArtisan 14mm F2.8 Lens User Manual and Specifications Comprehensive user manual for the TTArtisan 14mm F2.8 wide-angle lens, covering specifications, installation, uninstallation, camera settings, optical design, and care tips.
	TTARTISAN AF 14mm f3.5 Lens User Manual & Specifications Comprehensive user manual and technical specifications for the TTARTISAN AF 14mm f3.5 APS-C prime camera lens. Includes installation, safety, and care instructions.