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VIOFO CPL-600

VIOFO CPL-600 Circular Polarizing Lens Filter Instruction Manual

Model: CPL-600

1. PRODUCT OVERVIEW

The VIOFO CPL-600 filter is a circular polarizing lens designed to enhance the video quality of compatible VIOFO dash cameras, specifically the A329S Rear Camera and A229 Ultra Rear Camera. It effectively reduces reflections and glare from surfaces such as glass, water, and vehicle dashboards, while also intensifying colors and contrast for clearer footage. This filter also provides an additional layer of protection for your camera's lens against fingerprints, scratches, dirt, and wear, thanks to its multi-resistant coating.



Image 1.1: The VIOFO CPL-600 filter designed for optimal video quality in bright daylight.

2. COMPATIBILITY

The CPL-600 filter is exclusively compatible with the following VIOFO camera models:

- VIOFO A329S Rear Camera
- VIOFO A229 Ultra Rear Camera
- VIOFO A329T Telephoto Camera Lens (likely compatible due to similar lens setup)

Note: This CPL filter is not suitable for the interior camera of the A329S or similar models, as the lens design prevents a proper fit.

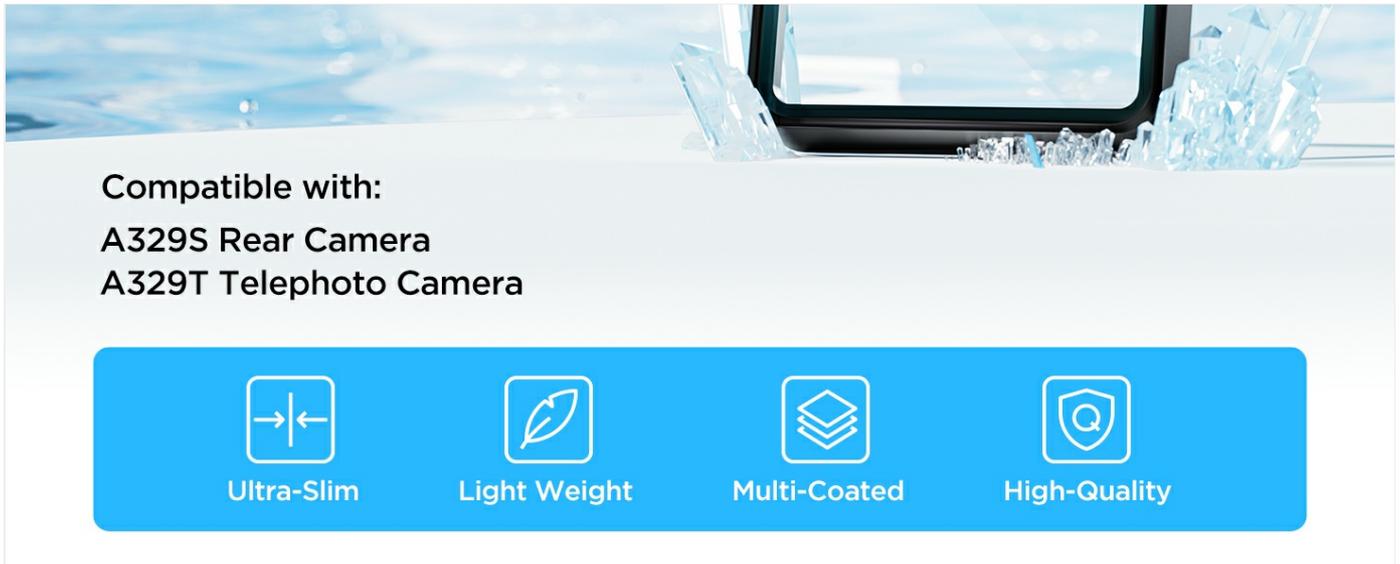


Image 2.1: Compatibility details for the CPL-600 filter.

3. INSTALLATION

Follow these steps to properly install the CPL-600 filter on your compatible VIOFO dash camera lens:

1. **Clean the Lens:** Gently wipe the dash camera lens to ensure it is free of dust, smudges, or fingerprints.
2. **Remove Protective Film:** Carefully peel off any protective film from both sides of the CPL filter.
3. **Attach the Filter:** Align the CPL filter with the camera lens and gently press it into place. The filter is designed to fit snugly over the lens.

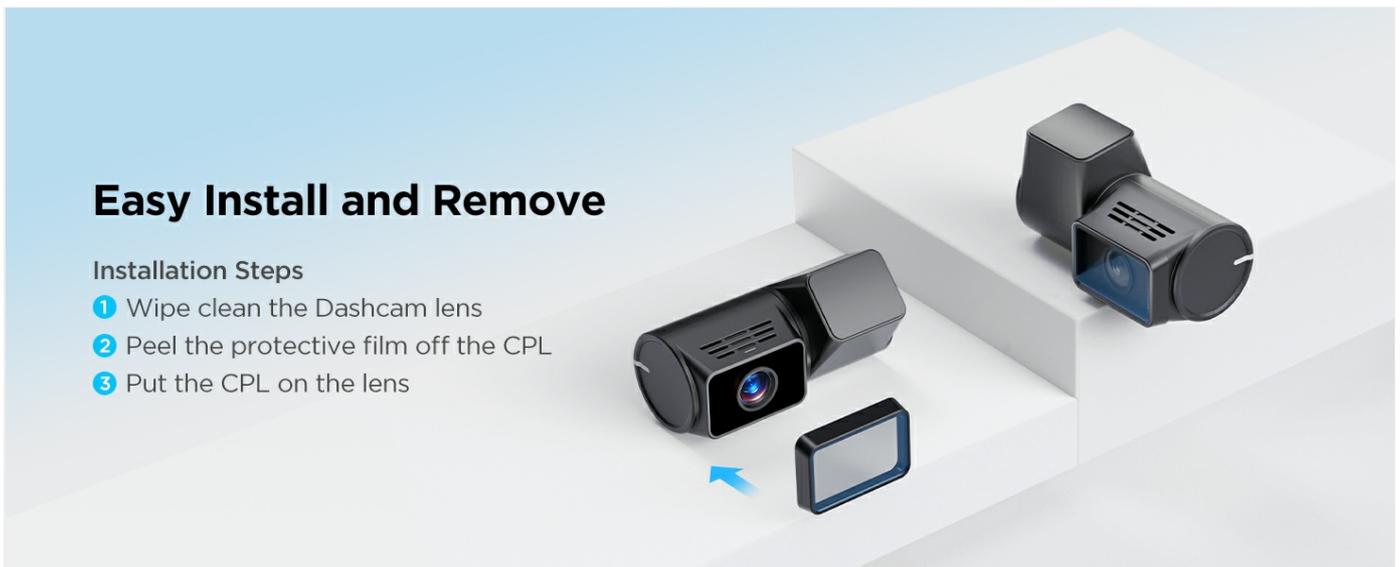


Image 3.1: Visual guide for installing the CPL filter.

Installation Demonstration Video

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Video 3.1: This video demonstrates the unboxing and installation process of the CPL filter on a VIOFO rear camera, and also shows its incompatibility with the interior camera.

4. OPERATING THE CPL FILTER

The CPL filter works by filtering out polarized light, which is often the cause of glare and reflections. By rotating the filter, you can adjust the level of polarization to achieve the desired effect. This allows for clearer video capture, especially in bright conditions or when reflections are prominent.

The filter is effective for both daytime and nighttime recording, adapting to various lighting conditions to improve image clarity and color saturation.

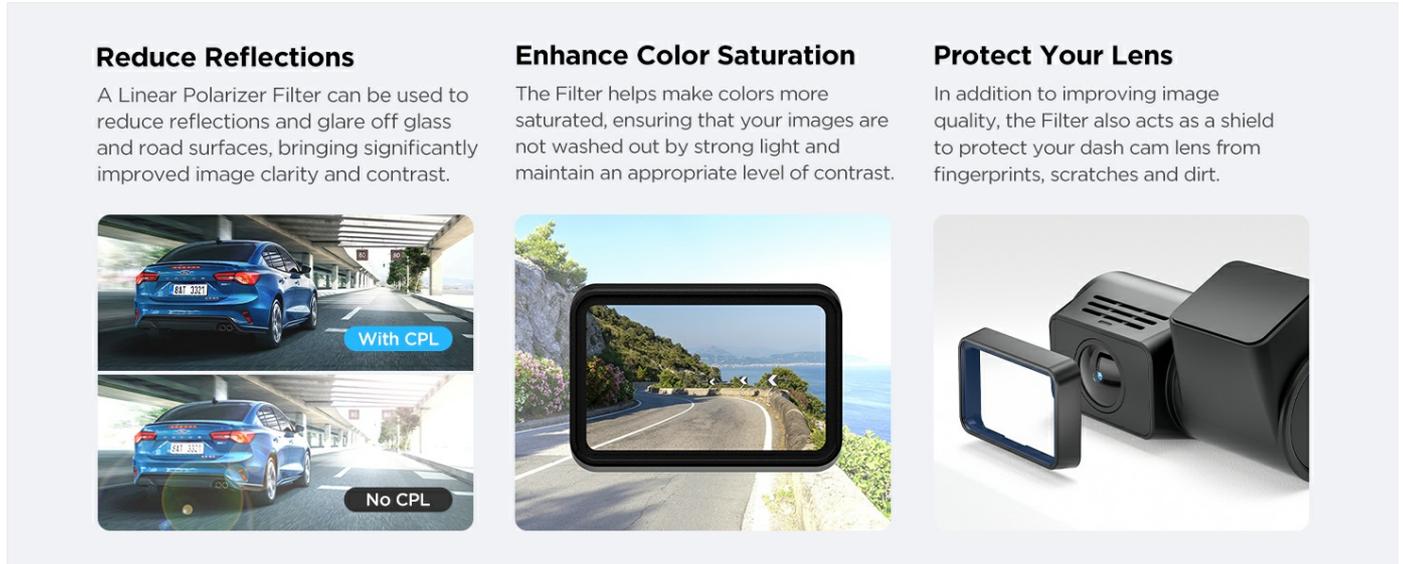


Image 4.1: Comparison showing video quality with and without the CPL filter, highlighting glare reduction and enhanced colors.

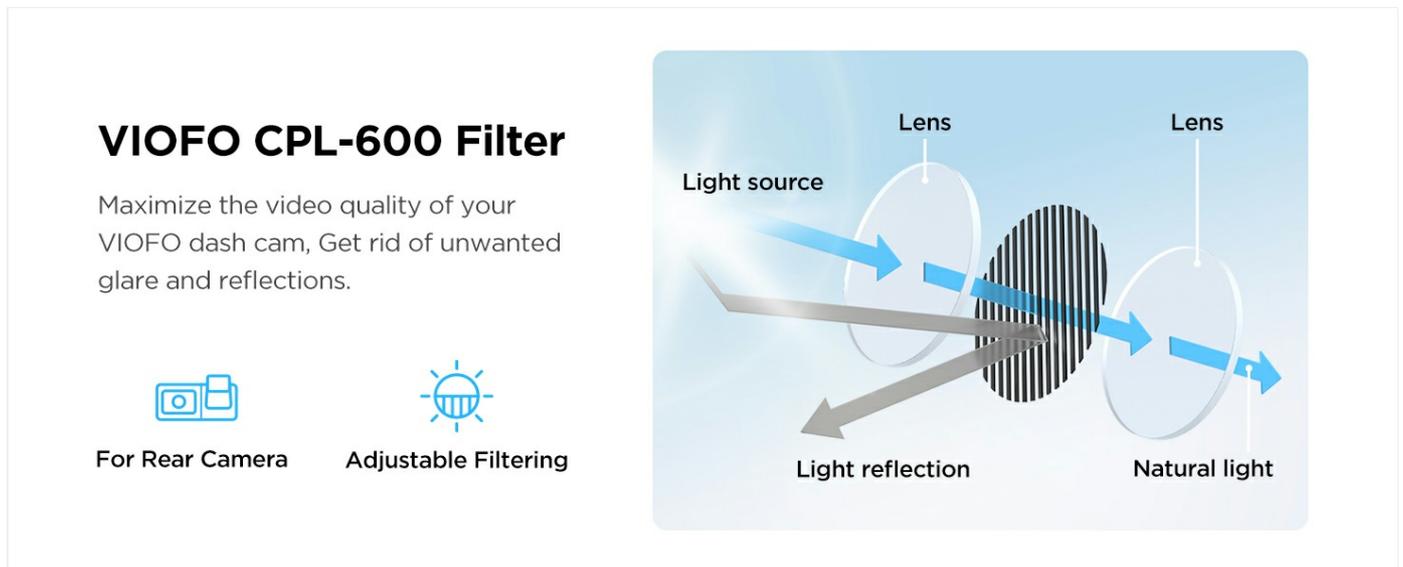


Image 4.2: Diagram illustrating how the CPL filter works to reduce reflections.

5. MAINTENANCE

The CPL-600 filter features a multi-resistant coating that provides protection against water, scratches, oil, and static. To maintain optimal performance and clarity:

- **Cleaning:** Use a soft, lint-free cloth to gently wipe the filter surface. For stubborn smudges, a small amount of lens cleaning solution can be applied to the cloth, not directly to the filter.
- **Handling:** Avoid touching the filter surface directly with your fingers to prevent fingerprints and oils.
- **Storage:** When not in use, store the filter in its original packaging or a protective case to prevent scratches and dust accumulation.

Multi-resistant Coating

Scratch resistant, dust resistant,
easy to clean.



Water-Resistant



Anti-Scratch



Oil-Resistant



Anti-Static



Image 5.1: The multi-resistant coating on the VIOFO CPL filter.

6. TROUBLESHOOTING

- **Blurry Image After Installation:** Check if any protective film remains on either side of the CPL filter. Some users have reported a protective film on the inside of the lens causing blurriness. Remove all protective films before use.
- **Filter Does Not Fit:** Ensure you are attempting to install the CPL-600 filter on a compatible rear or telephoto camera lens (A329S Rear Camera, A229 Ultra Rear Camera, A329T Telephoto Camera). This filter is not designed for the interior camera due to lens size differences.
- **Insufficient Glare Reduction:** Rotate the CPL filter while observing the live view or recorded footage to find the optimal angle for glare reduction. The effect of polarization varies with the angle of the filter relative to the light source.

7. SPECIFICATIONS

| Feature | Detail |
|--------------------------------|---|
| Model Name | CPL-600 |
| Brand | VIOFO |
| Material | Plastic |
| Photo Filter Thread Size | 38.5 Millimeters |
| Coating Description | Multi Coating |
| Photo Filter Effect Type | Enhancing (Polarizing) |
| Water Resistance Level | Water Resistant |
| Product Dimensions (L x W x H) | 36.5mm x 25.5mm x 6.5mm (1.46"L x 0.98"W) |
| Item Weight | 2.38 Grams |
| Compatible Devices | VIOFO A329S Rear Camera, A229 Ultra Rear Camera, A329T Telephoto Camera |

Packing List

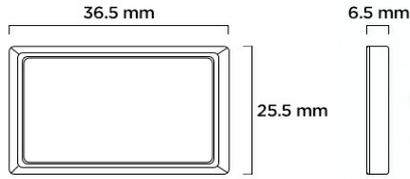


Image 7.1: Packaging and dimensions of the CPL-600 filter.

8. WARRANTY AND SUPPORT

The VIOFO CPL-600 filter comes with a comprehensive **18-month warranty** to ensure your satisfaction. VIOFO also offers dedicated customer support.

- **Warranty Period:** 18 Months
- **Return Policy:** 30-day money-back guarantee.
- **Customer Support:** 24/7 dedicated support.
- **Contact Email:** support@viofo.com
- **US Phone Support:** +1 323 505 9898