

Adasion MW-2

Adasion 15x56 HD Monocular Telescope Instruction Manual

Model: MW-2

1. OVERVIEW

The Adasion 15x56 HD Monocular Telescope is designed for high-powered observation, offering 15x magnification with a large 56mm objective lens. It features advanced fully multi-coated optics for bright, clear images, even in low-light conditions. The monocular is weatherproof with an IPX7 rating, making it suitable for various outdoor activities such as bird watching, hunting, hiking, and wildlife spotting.



Image: Monocular providing clear low-light vision of a deer in a field.

2. WHAT'S IN THE BOX

Your Adasion 15x56 HD Monocular Telescope package includes the following items:

- Adasion 15x56 HD Monocular Telescope
- Smartphone Adapter
- Mini Tripod
- Protective Carrying Bag
- Front Lens Cap
- Rear Eyepiece Cap
- Wrist Strap
- Lens Cleaning Cloth

Video: Unboxing and initial overview of the monocular telescope and its accessories.

3. SETUP

3.1 Monocular Use

1. **Remove Lens Caps:** Carefully remove the front objective lens cap and the rear eyepiece cap.
2. **Adjust Eyecup:** Rotate the eyecup counter-clockwise to extend it if you do not wear glasses. If you wear glasses, keep the eyecup retracted.
3. **Focus:** Look through the eyepiece and rotate the focus wheel until the image is clear and sharp.

3.2 Smartphone Adapter Attachment

The smartphone adapter allows you to capture photos and videos through the monocular using your phone's camera.

1. **Attach Adapter to Monocular:** Slide the circular part of the smartphone adapter over the monocular's eyepiece. Tighten the screw on the adapter to secure it firmly to the monocular.
2. **Mount Smartphone:** Place your smartphone into the phone clamp on the adapter. Ensure the phone is securely held.
3. **Align Camera Lens:** Adjust the phone's position within the clamp so that its primary camera lens is perfectly centered over the monocular's eyepiece. You may need to open your phone's camera app to verify alignment. For phones with multiple cameras, identify and align with the main lens.

3.3 Tripod Use

For stable viewing and photography, especially when using the smartphone adapter, attach the monocular to a tripod.

1. **Attach Monocular to Tripod:** Locate the tripod mounting screw hole on the bottom of the monocular. Screw the monocular onto the tripod's mounting plate.
2. **Secure Tripod:** Ensure the tripod legs are fully extended and stable on a flat surface. Adjust the tripod head for desired viewing angle.

Video: Demonstration of attaching a smartphone to the monocular and mounting it on a tripod.

4. OPERATING

Once set up, operating your Adasion monocular is straightforward:

- **Handheld Use:** Hold the monocular firmly with one hand. Use your thumb or index finger to adjust the focus wheel for clarity. The included wrist strap can provide added security.
- **Smartphone Photography/Videography:** With your smartphone attached and aligned, open your camera app. Zoom in slightly on your phone's camera to eliminate any black vignetting around the edges of the monocular's view. Adjust the monocular's focus wheel for optimal sharpness.
- **Low Light Vision:** The large 56mm objective lens and advanced optics enhance light gathering, providing a brighter view in dim conditions compared to standard optics.

EXCELLENT LIGHT TRANSMISSION FOR BRIGHT IMAGES

FMC
Greater contrast

BAK4
Edge sharpness

E2ES
Color fidelity

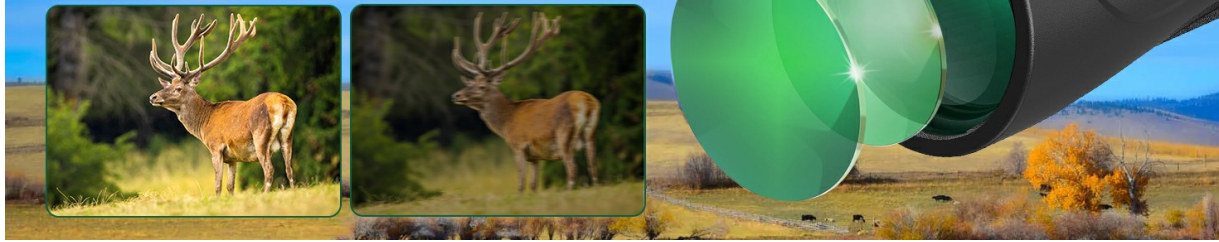


Image: A person using the monocular in a field, demonstrating its high magnification.

5. MAINTENANCE

Proper care ensures the longevity and performance of your monocular:

- **Lens Cleaning:** Use the provided lens cleaning cloth to gently wipe the lenses. Avoid touching the lenses with your fingers, as oils can leave smudges. For stubborn dirt, use a specialized lens cleaning solution and a soft cloth.
- **Storage:** Always replace the front and rear lens caps when not in use to protect the optics from dust and scratches. Store the monocular in its protective carrying bag in a cool, dry place.
- **Waterproof/Fog-proof:** The monocular is IPX7 waterproof and fog-proof, meaning it can withstand immersion in water up to 1 meter for 30 minutes and is sealed against internal fogging. However, avoid unnecessary exposure to extreme conditions.



Image: The monocular floating on water, highlighting its waterproof design.

6. TROUBLESHOOTING

If you encounter issues with your monocular, consider the following:

- **Blurry Image:** Ensure the focus wheel is properly adjusted. Check that the eyecup is set correctly for your vision (extended for non-glasses wearers, retracted for glasses wearers).
- **Difficulty Aligning Smartphone:** Carefully re-center your phone's primary camera lens over the monocular's eyepiece. Slight adjustments can make a significant difference. For phones with multiple cameras, ensure you are using the main camera lens and zoom in slightly within your phone's camera app to remove any black edges.
- **Unstable View:** For extended viewing or photography, especially with a smartphone, using a sturdy tripod is recommended over the included mini tripod to minimize shake and provide a stable image.

7. SPECIFICATIONS

Brand	Adasion
Model Name	15x56 HD

Model Number	MW-2
Zoom Ratio	15x
Objective Lens Diameter	56.0 mm
Eye Piece Lens Description	Prism (BAK-4)
Coating	Fully Multi-Coated
Field Of View	5.5 Degrees
Focus Type	Manual Focus
Product Dimensions (D x W x H)	5.5" x 3.3" x 2.3"
Item Weight	15.8 Ounces
Mount	Photographic Tripod Mount
Compatible Devices	Smartphone
Additional Features	Advanced Coating, Smooth Focusing, Weatherproof Design (IPX7)

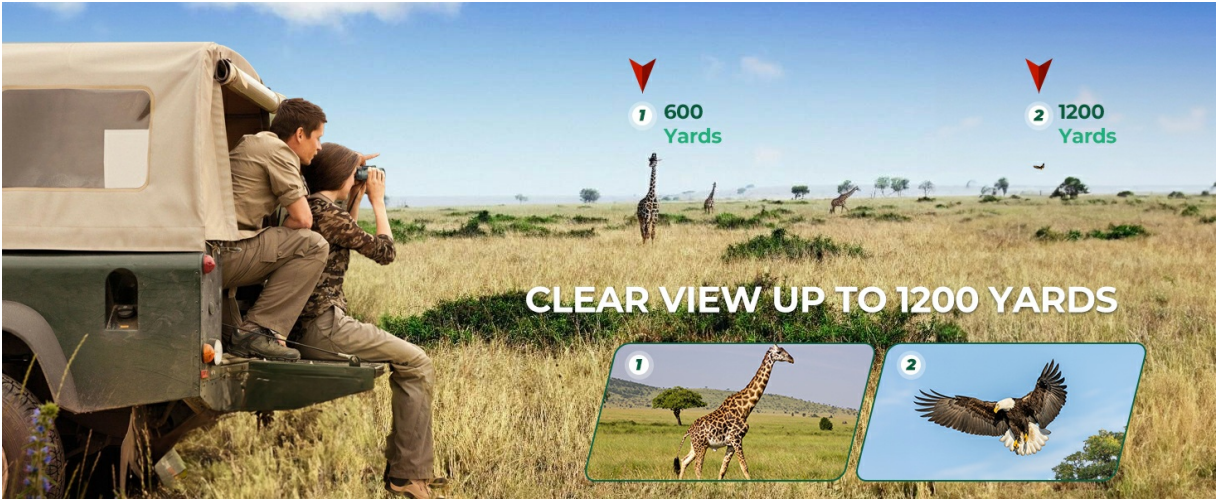


Image: Internal view of the monocular's fully multi-coated lenses for high-definition images.

8. WARRANTY & SUPPORT

The Adasion 15x56 HD Monocular Telescope comes with a **1-year warranty** from the manufacturer.

For technical support, warranty claims, or any questions regarding your product, please refer to the contact information provided in your product packaging or visit the official Adasion website.