

## ✈️ TRAVEL & SIGHTSEEING Popular size: 8x25

- **Scenery & Distant Buildings:** Lower magnification (8x) and wide field of view for skylines or architectural features.
- **Portability:** Lightweight and compact size for limited bag space, pocket or backpack.

## 🏠 EVENTS

- **Outdoor Spectator Sports:** 8x to 12x magnification
- **Indoor Spectator Sports:** 7x or 8x magnification and up to 10x for larger arenas.
- **Outdoor Concerts:** 8x magnification and a wide field of view to see more of the show. Higher magnifications may increase shake.
- **Concert Halls & Theaters:** 8x magnification for views of the entire stage and details of performers' facial expressions.
- **Wide Field of View:** Follow fast-moving action across a wide area, all at once without panning.
- **Waterproof:** Protection from rain during outdoor events.
- **Reduced Size & Weight:** Minimize strain on arms when viewing for extended periods.
- **Stabilization:** Advanced STABILIZED technology delivers steady views, making fastmoving plays easier to follow.

## 🚤 MARINE Popular size: 7x50

- **Waterproof & Fogproof:** Protection from sprays of water. O-ring sealed and nitrogen purged to prevent moisture from entering optics. Fogproof to withstand temperature and weather shifts.
- **Large Exit Pupil:** Helps maintain a bright, steady view during boat movement, reducing shading as your eyes shift.
- **Low Magnification:** Handles motion of a pitching boat and reduces potential shake.
- **Large Objective Lens:** For wider views of diving birds or to spot potential hazards up ahead.

## ★ ASTRONOMY Popular sizes: 10x50, 12x50, 16x50

- **Dark Skies:** A large objective diameter combined with a large exit pupil gather and deliver more light to the eye.
- **Urban Settings:** High magnifications of 10x or more get you closer and help increase contrast between your subject and the background in light-polluted skies.
- **Meteor Showers & Star Clusters:** Lower magnification (10x) with a wide field of view provides better visibility and tracking.
- **Fine Celestial Structures:** Higher magnification (16x) shows finer detail but require a heavier build and a tripod for stability.
- **Tripod Mountable:** For stabilized and extended comfortable viewing.

# ANATOMY OF A BINOCULAR



\*All Nikon binoculars equipped with Objective Lens Caps. Caps may vary depending on model purchased. (Monarch M5 binocular shown above)

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# Binocular Handbook



Precision optics. Extraordinary value.

## Which binoculars are right for you?



### 🐦 BIRD WATCHING, NATURE, WILDLIFE

Popular size: 8x42

- **Magnification:** 8x to 10x for forests; 8x to 12x for lakes, marshes and tidelands.
- **Larger Effective Diameter of Objective Lens:** Brighter images and higher resolution.
- **Wide Field of View:** Captures more of the landscape at once, helping you follow birds in motion.
- **Large Exit Pupil:** Provides a brighter view that improves tracking of fast-moving subjects, especially in low light.
- **Waterproof Sealing:** Protects against rainfall or brief submersion in shallow water.
- **Stabilization:** STABILIZED options keep the image steady, making distant moving subjects easier to follow.

### ⚓ HIKING & CAMPING Popular size: 8x25

- **Magnification:** 7x to 12x
- **Objective Lens:** 25mm to 50mm
- **Compact Size:** Pocket-sized Porro or Roof Prism options are easy to carry all day.
- **Waterproof Sealing:** Protection against rain or brief submersion in shallow water.
- **Early Morning & Evening:** A large objective diameter and full multicoating for brighter, clear images.
- **Stabilization:** STABILIZED options keep the image steady, making distant moving subjects easier to follow.

# 10 Features to Consider

**1 ERGONOMICS** Weight, grip, and balance all affect comfort. Binoculars should feel secure in your hands for steady viewing and easy adjustments.

**2 MAGNIFICATION** The first number in the binocular's name (e.g., 8x42) determines image reach. For handheld viewing, 6x to 10x offers the best balance of stability and detail.

**3 OBJECTIVE LENS SIZE** The second number in the binocular's name (e.g., 8x42) indicates the front lens diameter. Larger objectives gather more light for brighter, higher resolution views.

**4 FIELD OF VIEW** A wide field of view (e.g., 8.7°) helps when scanning scenes or tracking action, while narrower options (e.g., 4.2°) provide more concentrated detail.

**5 RESOLUTION** Larger objective lenses generally provide higher resolution for sharper, more detailed viewing.

**6 DIOPTRIC CONTROL DIAL** A diopter adjustment lets you fine-tune focus for each eye.

**7 ANTI-REFLECTIVE COATING** Quality coatings reduce glare and enhance brightness, contrast and color clarity for cleaner, sharper views.

**8 WATERPROOF VS WATER RESISTANT** Waterproof models withstand heavy rain. Water resistant binoculars protect against brief exposure and splashes, not submersion.

**9 LONG EYE RELIEF** Longer eye relief allows eyeglass wearers to see the full image without vignetting.

**10 STABILIZATION** Optical stabilization reduces handheld shake—ideal for long viewing sessions and higher magnification.



FEATURES	MONARCH HG	MONARCH M7	MONARCH M5	PROSTAFF P7	PROSTAFF P3	STABILIZED	ACULON A30	TRAILBLAZER II	ACTION
ED Glass (Extra-low Dispersion)	✓	✓	✓						
Locking Diopter	✓	✓		✓					
Tripod Adaptable	✓	✓	✓						✓
Waterproof	✓	✓	✓	✓	✓			✓	
Nitrogen Purged	✓	✓	✓	✓	✓			✓	
Turn and Slide Eyecups	✓	✓	✓	✓	✓	✓		✓	✓*
Water & Oil Repellent Coating		✓		✓					
Multilayer Coating					✓	✓	✓	✓	✓
Fully Multi-coated	✓	✓	✓	✓					
Armor Lens Coating	✓								
Wide Field of View	✓	✓		✓	✓				
Long Eye Relief	✓	✓	✓	✓	✓				
Silver-alloy Mirror Coating					✓	✓			
Phase Correction Coating	✓	✓	✓	✓					
Dielectric High Reflective Multilayer Coating	✓	✓	✓	✓					

\*Excluding 10-22x50

**MONARCH HG** 8x30 • 10x30 • 8x42 • 10x42  
 Exceptional ruggedness meets outstanding optical performance. ED glass delivers brighter, higher resolution views, while Nikon's Field Flatteners Lens System keeps the entire image sharp. A magnesium alloy body provides strength with lighter weight for all day, all terrain use.

**MONARCH M7** 8x30 • 10x30 • 8x42 • 10x42  
 Pushing resolution, brightness and field of view to new levels. ED glass minimizes distortion, while dielectric phase corrected coatings deliver high contrast. The MONARCH M7 adds a locking diopter and water and oil repellent lens coatings.

**MONARCH M5** 8x42 • 10x42 • 12x42 • 10x50 • 12x50  
 Built with a large 42mm or 50mm objective for a generous field of view that gathers more of the scene and more of what you're out there to experience. Nikon's superior ED glass reduces distortion and with multilayer coatings, light transmission to your eye is maximized.

**PROSTAFF P7** 8x30 • 10x30 • 8x42 • 10x42 • 10x50 • 12x50  
 Top of the PROSTAFF line delivering spectacular high-definition views. With high-end features like a locking diopter ring and an oil and water-repellent coating for easier cleaning, you have a lightweight, waterproof binocular to take your viewing to the next level.

**PROSTAFF P3** 8x30 • 10x30 • 8x42 • 10x42  
 Brighter views. 42mm and 30mm objectives help gather maximum light for a brighter, more clear view, even as daylight is fading. Whether you're backpacking, birding, or attending a sporting event, you'll get more performance at a great value.

**STABILIZED** 10x25 • 12x25  
 STABILIZED binoculars pair compact, lightweight optics with Nikon's optical image stabilization, correcting up to 80%\* of hand shake in real time. Multilayer coatings reduce glare, and a 12 hour battery provides clear, bright, shake free viewing all day.

\*The effect of STABILIZED: Vibrations of the image in the viewfinder caused by hand movement (sinusoidal waves) are reduced to 1/5 or less (Based on Nikon's measurement standards).

**ACTION** 8x42 • 10x42 • 7x50 • 10x50  
 12x50 • 16x50 • 10-22x50  
 From birding and hiking to camping and casual walks, ACTION binoculars bring faraway sights into clear focus. With Nikon's proven multilayer coatings and a sturdy, ergonomic design, you can expect bright, immersive views from first light to last. The ACTION ZOOM 10-22x50 model also includes a convenient 10-22X zoom control for even more detailed viewing.

**ACULON** 8x21 • 10x21 • 10x25  
 Multilayer-coated optics deliver high-quality images in a wide range of lighting conditions. A central focus knob, fully rubber-armed body and turn-and-slide rubber eyecups make them easy and comfortable to use—even with eyewear.

**TRAILBLAZER II** 8x25 • 10x25  
 Compact and rugged. Small enough to fit in your pocket. Featuring black rubber-armed coating, lightweight yet durable construction and waterproof, fogproof integrity for performance under any conditions.