

ADVENTURE AWAITS

with SWAROVSKI OPTIK modular and compact spotting scopes

BTX / ATX / STX

65 • 85 • 95 • 115















ATC & STC

17-40x56







WELCOME TO TIME AND OPTICS, LTD.



Our family owned and operated business was started in 1976 (that's 47 years ago!). We understand the importance of choosing a binocular or spotting scope that works for you and are pleased to provide this detailed and easy to use Optics Guide. Here are a few pointers that will help you make your selection:

The first consideration is that optics vary in price from under \$50 to over \$4,000. You will want to stay within your budget, but down the road, you won't regret buying the best you can afford. The graph below gives you a quick break-down on the price range of optics. While this can vary in manufacturer's or people's opinions, it is a basic price guide.

	Low	Low-Medium	Medium	Medium-High	High-End
Binoculars	under \$100	\$100 to \$250	\$300 to \$500	\$550 to \$1500	Over \$1500
Spotting Scopes	under \$500	\$500 to \$950	\$1000 to \$1550	\$1600 to \$2000	Over \$2000

For the most part, you get what you pay for. Buying a medium price binocular gives you a lot of binocular for your money, even though a high-end binocular will far out perform medium priced ones. Sometimes a company promotion or a special buy brings high-end optics into the medium-high price range.

The second consideration is the magnification. This is thoroughly covered under "Power or Magnification" on page one. Remember, usually lower power shows more detail, but higher power is sometimes desired for long distance observation. In birding, it would be for raptors, waterfowl and shorebirds. The best way to make your selection is to look through different powers and find what works best for you.

Here are a few other considerations:

- · Do you need a lightweight binocular or will some weight not bother you?
- · Will you need a waterproof binocular? (Most binoculars over \$100 are waterproof these days.)
- · Will you be wearing eyeglasses or sunglasses?
- · Do you need extreme close focus? Most binoculars close focus to 8-10 feet with some extreme close focus at 4 feet. Usually you will experience some eye strain at extreme close focus.

Consider carefully and invest in the model you like! We are here to help you go through the options.

Please be sure to contact us before you buy. The price shown is often not the actual price, but only a guide. Sincerely,
Robert Hershberger
Time and Optics, Ltd.

WE ARE HERE TO HELP YOU GO THROUGH THE OPTIONS.

BINOCULAR & SPOTTING SCOPE BUYING GUIDE

BINOCULAR BASICS

Binoculars are typically described by two numbers, such as 7x35, referred to as, "seven by thirty-five". The first number given is the power or magnification. A 7x (seven power) binocular will make an object look seven times closer or seven times larger than you would see with the unaided eye.

The second number, 35, refers to the diameter or width (in millimeters) of the front, or objective lens. The size of the objective lens determines how bright an object will appear to your eyes. A third number commonly printed on binoculars is the angle or field of view. This number tells you how wide an area you will see.

POWER OR MAGNIFICATION

The magnification of most handheld binoculars range from 6x to 10x. Seven and eight power models are considered to be the most versatile, multi-use binoculars. Although it seems sensible that a high power model would help you see things in more detail than a low power model, this is rarely the case. The largest drawback of higher power is that along with magnifying the object, it also magnifies the movement of your hands and body, which causes the image you see to shake or appear jumpy. Keep in mind that the shake will be noticeably worse during and for a short time after any physical exertion. A second drawback is that higher power models generally have a smaller field of view, causing difficulty in finding or following objects.

We do not mean that 9x and 10x binoculars should be avoided. Many experienced birders prefer 10x models, especially for birds that are difficult to approach, such as raptors and shorebirds. We suggest you try looking through a high power binocular to determine whether or not you are able to hold them steady. Handheld use of magnifications above 12x is extremely difficult, and we suggest using a tripod or window mount for the best results. When powers of 15x or higher are required to see detail at a distance, a tripod-mounted spotting scope should be considered.



OBJECTIVE LENS

The size of the objective lens directly affects the bright-

ness of the image and the physical size and weight of the binoculars. It does not affect the field of view or area that you will see.

A larger objective lens will gather more light and *usually* deliver a sharper, brighter image. We stress the word usually because once the light is collected, there are many factors that affect how well it is delivered to your eyes. These factors will be covered later in, "Optical Quality."

The downside of a larger objective lens is that as the size of the lens increases, so does both the weight and the size of the binoculars. Binoculars that are too large or heavy to carry comfortably tend to get left behind.

FIELD OF VIEW

Manufacturers use two interchangeable terms to describe the amount of area you will see while looking through binoculars. Linear field of view is the most commonly used method and describes how wide an area (in feet) you will see while viewing an object one thousand yards away, usually denoted as xxx feet at 1,000 yards. The second method, used by most European manufacturers, is angular field of view which describes the same area measured in degrees of arc. Each degree is 52.5 feet across at 1,000 yards away, so to convert the angular field of view into linear field of view multiply the degree of arc by 52.5 feet. As a general rule, the higher the magnification, the smaller the field of view. Therefore a 10x model will usually have a smaller field of view than a 7x model. In addition to magnification, the design and quality of both the prisms and eyepieces also affect the field of view. Although a wide field of view is desirable, beware of inexpensive models boasting a field of view of 10 degrees (525 feet at 1,000 yards) or more, because sharpness is usually sacrificed for an extremely wide field.

BEYOND THE BASICS

EXIT PUPIL

You can see the exit pupil of any binocular by holding it at arm's length and pointing it at a light. The exit pupil is the circle of light leaving the eyepiece. Under dim and dark conditions a larger exit pupil will provide a brighter image. However, on bright or sunny days the pupils in your eyes close down and will not make use of all the light. To determine the exit pupil size (diameter in millimeters), divide the diameter of the objective lens by the magnification. A 7x35 model will deliver a 5 mm exit pupil ($35 \div 7 = 5$). The exit pupil of most binoculars varies between 2.5 mm and 7 mm.

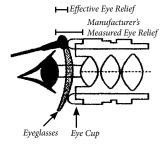
CLOSE FOCUS

The term close focus indicates the shortest distance (in feet) you can be from an object and still maintain a sharp focus. For uses such as bird-watching or nature studies, binoculars with a close focus of 12 feet or less are recommended. Models with a close focus of 8 feet or less are considered exceptional.

EYE RELIEF

Eye relief refers to the distance (in millimeters) your eyes

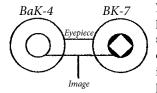
can be from the eyepiece and still see the entire field of view. Although short eye relief poses few problems for those who do not wear glasses, long eye relief is important to people who need or want to wear eyeglasses or sunglasses while using binoculars. We suggest an eye relief of 15 mm



or longer if you wear glasses and want the full field of view.

OPTICAL QUALITY

Four major factors determine the optical quality of binoculars; optical alignment, prism quality, lens quality and coatings. A durable and rigid housing is necessary to insure the precise optical alignment of all lenses, prisms and eyepieces. If alignment is off by a small amount, the muscles of

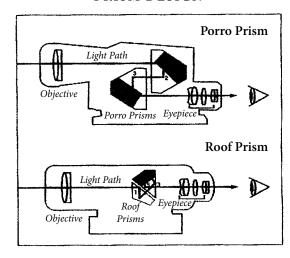


your eyes must work to compensate, which can cause eyestrain and headaches. Double or crossed vision will occur if optical alignment is off by a large amount. The prism qual-

ity depends on both the quality of glass used and prism design. Most high quality binoculars use BaK-4 prisms which provide crisp colors and clear, round exit pupils. Lower quality prisms such as BK-7 limit sharpness and detail. They also dull colors and provide an exit pupil with squared off edges. Color fidelity, brightness, contrast and sharpness are all affected by lens quality. High quality glass such as ED (extra-low dispersion) HD (High Definition) or fluorite are used to provide the sharpest and most brilliant images possible. Anti-reflective coatings significantly improve brightness and contrast while reducing both glare and light loss. Fully multi-coated optics will provide higher contrast and detail than multi-coated, fully-coated or non-coated lenses.

Modern binoculars use one of two prism designs: porro or roof. The diagram (top right) shows the path that light follows through porro and roof prism models. Utilizing fewer prisms and a simpler light path, porro prism binoculars are less costly to manufacture and usually offer optics equal to more expensive roof prism models. Many premium quality binoculars use the roof prism design because they are more compact and will tolerate rougher use.

PRISM DESIGN



FOCUS TYPES

Three basic focus systems are used: center, individual and permanent focus. The center focus style is most common. Both sides focus simultaneously by turning a central dial. This allows for quick and simple focusing while viewing moving objects. Binoculars that are focused by turning each eyepiece individually are best suited for viewing slow-moving or stationary objects that do not require constant refocusing. Permanent focus or non-focusing systems produce inferior detail and are used mainly in lower quality models. Permanent focus (focus free) models have two major drawbacks: close focus is normally 30-40 feet, and they lack a diopter which allows you to adjust for differences in eye strength.

WATER AND BINOCULARS

Binocular manufacturers use many terms to describe how wet a particular model can get without internal fogging or damage. Only models labeled waterproof are guaranteed against water leakage and are often filled with nitrogen to prevent fogging. All other models vary greatly in their ability to resist moisture. Descriptions such as weather resistant, showerproof, splashproof, water resistant, and weatherproof usually indicate a model is highly resistant to moisture, but generally offer no guarantee against water damage or fogging under extreme conditions. Rubber armoring does not affect a binocular's resistance to water.

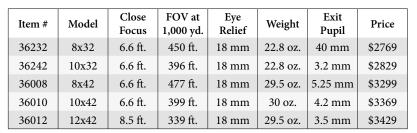
FOUR MAJOR BINOCULAR STYLES



Compact Roof Prism

NL PURE

36010





Interpupillary distance:



Use with the new NL Pure to steady the binoculars against your forehead.

Suggested Accessories —

- 32 mm: 54-72 mm | 42 mm: 56-74 mm 49161 FRP Forehead Rest \$159 (page 4)
 - 44143 Swarovski Bino Suspenders (page 5)
 - 44141 Orange Floating Neck Strap (page 37)
 - 49185 UTAs Tripod Adapter (page 38)
 - 44270 VPA Variable Phone Adapter (page 25)
 - 44216 AR-B Adapter Ring for Binoculars/BTX (page 25)
- Waterproof/Fogproof Nitrogen filled Swarotop, Swarodur and Swarobright coatings Magnesium body Twist-out eyecups
- Locking diopter Field flattener lens Limited Lifetime Warranty

EL SWAROVISION





A Binocular with field flattener lenses for full contrast right up to the image edge!

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
37008	8.5x42	10.8 ft.	399 ft.	20 mm	29.5 oz.	4.94 mm	\$2369
37010	10x42	10.8 ft.	336 ft.	20 mm	29.6 oz.	4.2 mm	\$2399
35210	10x50	9.2 ft.	345 ft.	20 mm	35 oz.	5 mm	\$3169
35212	12x50	9.2 ft.	300 ft.	19 mm	35 oz.	4.17 mm	\$3199

Interpupillary Distance: 42/50mm = 56-74mm

- Suggested Accessories -

- 49185 UTAs Tripod Adapter (page 38)
- 44143 Swarovski Binocular Suspenders (page 5)
- 44141 Orange Floating Neck Strap (page 37)
- Waterproof/Fogproof Nitrogen filled Magnesium housing Swarodur, swarotop and swarobright and swaroclean coatings
- Twist-out eyecups Locking diopter Field flattener lenses Limited Lifetime Warranty 42 mm comes with a bag (no case)

SLC





Close FOV at Eye Exit Model Item # Weight Price Focus 1,000 yd. Relief Pupil 58291 15x56 SLC 12.8 ft. 234 ft. 16 mm 42.3 oz. 3.73 mm \$2649

Also available in 8x56 and 10x56 Interpupillary Distance: 56 mm = 56-76 mm

- Suggested Accessories —
- 44143 Swarovski Bino Suspender (page 5)
- 44141 Orange Floating Neckstrap (page 37)
- 49190 SLC Tripod Adapter (page 38)
- · Fluoride containing HD optics · Swarobright, swarodur, swarotop, and swaroclean coatings · Rugged magnesium body
- · Waterproof/Fogproof · Nitrogen filled · Twist-out eyecups · Limited Lifetime Warranty

CL COMPANION





Item #	Model	Case Style		FOV at 1,000 yd.		Weight	Exit Pupil	Price
58231	8x30	Wild Nature	9.8 ft.	396 ft.	15 mm	17.3 oz.	3.75 mm	\$1399
58241	10x30	Wild Nature	9.8 ft	324 ft.	14 mm	17.6 oz.	3 mm	\$1429

Interpupillary Distance: 56-74 mm

- Standard Color: Green Also available in Charcoal Armoring
- Waterproof/Fogproof Swarobright, Swarotop, and Swarodur coatings Nitrogen filled Twist-out eyecups
- · Easy focusing and adjustment · Improved edge to edge sharpness · Limited Lifetime Warranty

CL POCKET





The ideal binocular to fit in your pocket! Slim design.

Item #	Model	Case Style		FOV at 1,000 yd.		Weight	Exit Pupil	Price
46150	8x25	Wild Nature - green	8.2 ft.	357 ft.	17 mm	12.2 oz.	3.13 mm	\$879
46154	10x25	Wild Nature - green	8.2 ft.	294 ft.	17 mm	12.3 oz.	2.5 mm	\$929

- Standard Color: Green Also available in Charcoal Armoring
- · Waterproof/fogproof · Nitrogen filled · Swarobright, swarodur and swarotop coatings · Twist-out eyecups
- Case and neckstrap included Limited Lifetime Warranty

CL CURIO





Super compact size of 3.6 inches long!

Item #	Model		FOV at 1,000 yd.		Weight	Exit Pupil	Price
46158	7x21	8.2 ft.	405 ft.	16 mm	8.9 oz.	3 mm	\$839

- $\bullet \ \ Waterproof/fogproof \bullet Nitrogen \ filled \bullet Swarobright, swarodur \ and \ swarotop \ coatings \bullet Twist-out \ eyecups$
- Case and neckstrap included Limited Lifetime Warranty

BINO SUSPENDERS

Heavy duty harness strap with quick release buckles. Recommended for heavyweight binoculars. Distributes the weight of the binoculars onto the shoulders rather than the neck. Eliminates neck strain.

Item #	Price
44143	\$68.95





See page 37 for more bino suspenders

NOCTIVID





40384

A revolutionary generation of Leica Binoculars. High contrast and pure color images.

Item#	Model	Close Focus	FOV at 1000 yd.	Eye Relief	Weight	Exit Pupil	Price
40384	8x42	6.2 ft.	443 ft.	19 mm	31 oz.	5.25 mm	\$2999
40385	10x42	6.2 ft.	376 ft.	19 mm	31 oz.	4.2 mm	\$2999

· Also available in Green Armoring

Interpupillary Distance: 56-74 mm

The open bridge design provides comfortable and secure handling.

- Waterproof/Fogproof Lightweight, high magnesium body AquaDura® coating, fully HDC multi-coated
- Phase coated with HLS and P40 coatings. Twist-out eyecups Nitrogen purged Submersible to 16 ft. Exceptionally bright
- Leica's 10-year passport protection plan plus a 30 year Manufacturer's Warranty

ULTRAVID HD PLUS



A reference class among binoculars! Excellent, lightweight birding binoculars! Sleek design!



40093

- Suggested Accessories —
 42163 Leica Floatable Neck Strap
 (not shown)
- BS-125TO Binocular Harness (page 37)

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
40090	8x32	7.2 ft.	404 ft.	13mm	18.9 oz.	4mm	\$2199
40091	10x32	6.6 ft.	352 ft.	13mm	19.9 oz.	3.2 mm	\$2199
40092	7x42	10.8 ft.	420 ft.	17mm	27.2 oz	6mm	\$2399
40093	8x42	9.8 ft.	389 ft.	15mm	27.9 oz.	5.25mm	\$2399
40094	10x42	9.5 ft.	336 ft.	16mm	26.5oz.	4.2mm	\$2399
40095	8x50	11.5 ft	352 ft.	17mm	35.3 oz.	6.25mm	\$2699
40096	10x50	10.8 ft.	352 ft.	15mm	35.3 oz.	5 mm	\$2699
40097	12x50	10.5 ft.	299 ft.	13mm	36.7 oz.	4.17 mm	\$2699

Interpupillary Distance: $32 \text{ mm} = 52\text{-}74 \text{ mm} \cdot 42 \text{ mm} = 55\text{-}75 \text{ mm} \cdot 50 \text{ mm} = 58\text{-}74 \text{ mm}$

- Waterproof/Fogproof Nitrogen-filled Body made with sturdy yet lightweight magnesium
- A nice big center focus that's easy to use even with gloves Edge to edge sharpness
- $\bullet \ \ Fully\ HDC\ multicoated\ and\ AquaDura\ coatings.\ Phase\ coated\ with\ HLS\ and\ P40\ coatings\ \bullet\ Twist-out\ eyecups$
- Leica's 10-year passport protection plan plus a 30 year Manufacturer's Warranty

ULTRAVID BCR COMPACTS





Very nice waterproof, lightweight compacts.

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
40252	8x20	7.2 ft.	341 ft.	15 mm	9 oz.	2.5 mm	\$849
40253	10x25	10.5 ft.	273 ft.	15 mm	9.7 oz.	2.5 mm	\$899

Interpupillary Distance: 34-74 mm

Also available in leather & colorline series.

- Waterproof nitrogen-filled Rugged aluminum housing Pop-out eyecups Rubber armored
- Leica's 10-year passport protection plan plus a 30 year Manufacturer's Warranty

FREE
SHIPPING
over \$350.00

TRINOVID HD

A GREAT BUY!





As expected these new binoculars reflect Leica's 100+ years of binocular heritage – Precision, Performance, and Durability.

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
40316	8x32	3.3 ft	372 ft.	17mm	23 oz.	4 mm	\$949
40317	10x32	3.3 ft.	342 ft.	16mm	23.3 oz.	3.2 mm	\$949
40318	8x42	5.9 ft.	372 ft.	17 mm	26 oz.	5.25 mm	\$999
40319	10x42	5.3 ft.	339 ft.	15 mm	26 oz.	4.2 mm	\$999

Interpupillary Distance: 58-76 mm

- Magnesium body Non-slip rubber armoring Twist-out eyecups Waterproof/Fogproof Nitrogen-filled Fully multi-coated
- HDC scratch resistant lens coatings Leica's 10-year passport protection plan plus a 30 year Manufacturer's Warranty

TRINOVID BCA COMPACT





High quality compacts! Quality features, small, compact, and nice to carry in your pocket.

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
40342	8x20BCA	9.8 ft.	341 ft.	14.0 mm	8.3 oz.	2.5 mm	\$599
40343	10x25BCA	16.5 ft.	273 ft.	14.6 mm	9.0 oz.	2.5 mm	\$649

Interpupillary Distance: 32-74 mm

- Water resistant Pop-out eyecups Fully HDC multi-coated Phase coated
- Leica's 10-year passport protection plan plus a 30 year Manufacturer's Warranty

VICTORY SF





524224

Advertised by Zeiss as a benchmark binocular for birding and wildlife observation.

Close FOV at Eve Exit Item # Model Weight Price **Focus** 1,000 yd. Relief Pupil 523224 8x32 6.4 ft. 465 ft. 19 mm 21.2 oz. 4 mm \$2499.99 523225 10x32 6.4 ft. 390 ft. 19 mm 20.8 oz. 3.2 mm \$2499.99 524223 8x42 5 ft. 444 ft. 18mm 27.5 oz. 5.25mm \$2999.99 \$2999.99 524224 5 ft. 360 ft. 27.5 oz. 10x42 18mm 4.2mm

Interpupillary distance 54-76 mm

This model uses the term Smart Focus and features the unique Ergo Balance concept, that makes viewing over long periods particularly easy, ergonomic and fatigue-free.

- Ultra-FL Lens System LotuTec Protective Coating Carl Zeiss T* multi-layer coatings Waterproof/Fogproof Nitrogen-filled
- $\bullet \ \ 92\% \ Light \ transmission \ \bullet \ Twist-out \ Eyecups \ \bullet \ Field \ Flattener \ \bullet \ Open \ Bridge \ \bullet \ 5 \ year \ no-fault \ policy \ \bullet \ Limited \ Lifetime \ Transferable \ Warranty$

VICTORY POCKET







Close FOV at Eye Exit Model Weight Item # Price **Focus** 1,000 yd. Relief Pupil 522038 10.2 oz. 8x25 6.2 ft. 390 ft. 16.5 mm 3.13 mm \$899.99 522039 10x256.2 ft. 315 ft. 16.5 mm 10.2 oz. 2.5 mm \$899.99

Interpupillary distance: 34-74mm

- $\bullet \quad FL = Flouride\ Glass\ \bullet\ Fully\ Multi-Coated\ \bullet\ LotuTec\ coating\ \bullet\ Waterproof/Fogproof\ \bullet\ Nitrogen\ filled\ \bullet\ Twist-out\ eyecups$
- Limited Lifetime Transferable Warranty

SFL



Light in weight, heavy in performance.

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
524023	8x40	4.9 ft.	420 ft.	18mm	22.6 oz.	5 mm	\$1799.99
524024	10x40	4.9 ft.	345 ft.	18mm	22.6 oz.	4 mm	\$1799.99

Interpupillary distance 52-74 mm

- Waterproof/fogproof Nitrogen filled LotuTec and T* multi-layer coatings Field flattener Twist-out eyecups 5 year no-fault policy
- Limited Lifetime Transferable Warranty

CONQUEST HD







Also available in: 8x56, 10x56, 15x56

A breakthrough, rugged and affordable binocular.

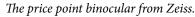
Packed with all the high-performance features that you would expect from Zeiss.

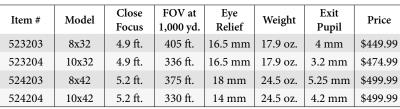
Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
523211	8x32	4.9 ft.	420 ft.	16 mm	22.2 oz.	4 mm	\$979.99
523212	10x32	4.9 ft.	354 ft.	16 mm	22.2 oz.	3.2 mm	\$979.99
524211	8x42	8.2 ft.	384 ft.	18 mm	28 oz.	5.25 mm	\$999.99
524212	10x42	8.2 ft.	345 ft.	17 mm	28 oz.	4.2 mm	\$999.99

Interpupillary distance: 54-74mm

- T* multi-coatings and dielectric prism coatings Lotutec lens coating, sheds water Waterproof/Fogproof
- Nitrogen filled Twist-out eyecups 5 year No-Fault Policy Limited Lifetime Transferable Warranty

TERRA ED









Interpupillary distance: 57.5-76mm

• Schott ED glass • Multi-coated • Nitrogen filled • Waterproof/Fogproof • Twist-out eyecups • Limited Lifetime Transferable Warranty

TERRA ED POCKET



Where every single ounce counts!

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
522502	8x25	6.2 ft.	357 ft.	16 mm	10.9 oz.	3.13 mm	\$399.99
522503	10x25	6.2 ft.	291 ft.	16 mm	10.9 oz.	2.5 mm	\$399.99

Interpupillary distance 35-72 mm

• Waterproof/ Fogproof • Nitrogen filled • Multi-coated • Twist-out Eyecups • Limited Lifetime Transferable Warranty

TETON ED HD





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
81	8x42 ED HD	5.9 ft.	390 ft.	17.3 mm	32 oz.	5.25 mm	\$559.99
82	10x42 ED HD	5.9 ft.	340 ft.	15 mm	32 oz.	4.2 mm	\$569.99

- 82
- Waterproof/Fogproof Fully multi-coated SHR metallic coating PXA Phase coating Locking diopter focus Nitrogen filled
- Twist-out eyecups Limited Lifetime Warranty

APEX



Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
615	8x42	6.5 ft.	426 ft.	17.2 mm	28.5 oz.	5.25 mm	\$299.95
617	10x42	8.2 ft.	340 ft.	15.2 mm	28.5 oz.	4.2 mm	\$319.99

ALPEN

Notice: Alpen Optics had been out of business for awhile, but now has been bought by Explore Scientific. They will take care of the warranty repairs from previous products.

- Waterproof/Fogproof BaK 4 Prisms PXA Phase coated Nitrogen filled
- Fully multi-coated Twist-out eyecups Limited Lifetime Warranty

SHASTA RIDGE



Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
392SR	8x42	6 ft.	389 ft.	17.4 mm	20.8 oz.	5.25 mm	\$199.99
394SR	10x42	6.7 ft.	315 ft.	15.4 mm	20.8 oz.	4.2 mm	\$199.99

- ALPEN
- Waterproof/Fogproof BaK 4 Prisms Phase coated Nitrogen filled Fully multi-coated
- Twist-out eyecups Limited Lifetime Warranty

WINGS



543

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
541	8x26	9.8 ft.	368 ft.	16 mm	11.2 oz.	3.25 mm	\$89.99
545	10x26	13 ft.	293 ft.	14.1 mm	11.2 oz.	2.6 mm	\$94.99
543	8x34	8.2 ft.	372 ft.	17.4 mm	16.8 oz.	4.25 mm	\$129.99
547	10x34	8.2 ft.	314 ft.	16 mm	17.6 oz.	3.4 mm	\$134.99
542	8x42	8.2 ft.	372 ft.	17.3 mm	23.2 oz.	5.25 mm	\$134.99
546	10x42	8.2 ft.	319 ft.	16.1 mm	23.2 oz.	4.2 mm	\$149.99



CELESTRON

- Waterproof/Fogproof Nitrogen filled Fully multi-coated BaK 4 Prism Open Bridge design Twist-out eycups
- Limited Lifetime Warranty

REGAL ED



Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
71390	8x42	4.9 ft.	420 ft.	22.2 mm	24 oz.	5.25 mm	\$459
71391	10x42	4.9 ft.	341 ft.	20.2 mm	24 oz.	4.2 mm	\$469

Interpupillary distance: 56-74mm

- $\bullet \ \ Waterproof/Fogproof \bullet Fully \ multi-coated \bullet \ Phase \ and \ dielectric \ coated \bullet \ Nitrogen \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ dielectric \ coated \bullet \ Nitrogen \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ dielectric \ coated \bullet \ Nitrogen \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ filled \bullet \ Rubber \ Armored \bullet \ Twist-out \ eyecups \ and \ filled \bullet \ Rubber \ Armored \bullet \ Full \ eyecups \ and \ filled \bullet \ Full \ eyecups \ and \ filled \bullet \ Full \ eyecups \ and \ filled \bullet \ Full \ eyecups \ and \ filled \bullet \ Full \ eyecups \ and \ filled \bullet \ filled$
- Binocular harness included Limited Lifetime Warranty

NATURE DX ED





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
72332	8x42	6.5 ft.	393 ft.	17.8 mm	24.9 oz.	5.25 mm	\$235
72333	10x42	6.5 ft.	309 ft.	14.3 mm	24.9 oz.	4.2 mm	\$245

Interpupillary distance: 56-74 mm

• Fully multi-coated • Nitrogen purged • BAK-4 Prisms • Waterproof/Fogproof • Twist-out eyecups • Limited Lifetime Warranty

NATURE DX





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
71330	8x32	6.5 ft.	388 ft.	17.5 mm	18 oz.	4 mm	\$165.95
71332	8x42	6.5 ft.	388 ft.	17.5 mm	22.2 oz.	5.25 mm	\$189.95
71333	10x42	6.5 ft.	304 ft.	14 mm	22.2 oz.	4.2 mm	\$209.95

71332

- Fully multi-coated Phase coated BAK-4 prisms Nitrogen filled Waterproof/Fogproof Rubber armored Limited Lifetime Warranty
- · Twist-out eyecups

PASSION HD





Passion HD binoculars are the flagship products of GPO

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
B600	8x42	6.5 ft.	375 ft.	19.5 mm	29.3 oz	5.25 mm	\$1049.99
B620	10x42	6.5 ft.	336 ft.	17 mm	29.6 oz.	4.2 mm	\$1049.99

Interpupillary Distance: 57-75 mm

- Waterproof/ Fog proof GPO bright™ lens coating Magnesium body Center focusing locking diopter Twist-out Eyecups
- Custom Molded Hard Case Spectacular Lifetime Warranty™

PASSION ED



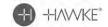


Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
B300	8x32	6.6 ft.	410 ft.	16 mm	17.6 oz.	4 mm	\$549.99
B340	8x42	6.6 ft.	426 ft.	18 mm	23.6 oz.	5.25 mm	\$599.99
B360	10x42	8.2 ft.	340 ft.	16 mm	23.6 oz.	4.2 mm	\$599.99

Interpupillary Distance: $32 \text{ mm} = 56-73 \text{ mm} \cdot 42 \text{ mm} = 56-75 \text{ mm}$

- Waterproof/ Fog proof GPO bright™ lens coating Magnesium body Lightweight and compact Twist-out Eyecups
- Custom-molded hard case Spectacular Lifetime Warranty™

FRONTIER APO





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
38510	8x42	6.6 ft.	426 ft.	18 mm	26.1 oz	5.25 mm	\$759.99
38512	10x42	6.6 ft.	372 ft.	18 mm	26.1 oz.	4.2 mm	\$789.99

FOV at

1,000 yd.

405 ft.

426 ft.

336 ft.

Eye

Relief

16 mm

18 mm

15 mm

Weight

19 oz

24.4 oz

24.9 oz.

38512

Interpupillary Distance: 58-79 mm

• Fully multi-coated • Dielectric coatings • Phase corrected BAK-4 roof prisms • Nitrogen filled • Waterproof/Fogproof • Twist-out eyecups

Close

Focus

8.2 ft.

6.6 ft.

8.2 ft.

· Lifetime warranty

FRONTIER ED X



Price

\$499.99

\$539.99

\$559.99

Exit

Pupil

4 mm

5.25 mm

4.2 mm



Interpupillary Distance: 56-74 mm

Model

8x32

8x42

10x42

Item #

38405

38410

38412

- Fully multi-coated Dielectric coatings Phase corrected BAK-4 roof prisms Nitrogen filled Waterproof/Fogproof Twist-out eyecups
- · Lifetime warranty

FRONTIER HD X





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
38005	8x32	8.2 ft.	405 ft.	16 mm	19 oz	4 mm	\$329.99
38010	8x42	6.6 ft.	426 ft.	18 mm	24.4 oz	5.25 mm	\$359.99
38012	10x42	8.2 ft.	336 ft.	15 mm	24.9 oz.	4.2 mm	\$379.99

Interpupillary Distance: 56-74 mm

- Fully multi-coated Dielectric coatings Phase corrected BAK-4 roof prisms Nitrogen filled Waterproof/Fogproof
- · Twist-out eyecups Lifetime warranty

ENDURANCE ED





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
36110	8x25	6.6 ft.	356 ft.	13 mm	10.9 oz	3.13 mm	\$169.99
36201	8x32	6.6 ft.	388 ft.	18 mm	19 oz	4 mm	\$259.99
36205	8x42	6.6 ft.	388 ft.	18 mm	23 oz.	5.25 mm	\$309.99
36207	10x42	6.6 ft.	304 ft.	13 mm	23 oz.	4.2 mm	\$329.99

36201

Interpupillary Distance: $25 \text{ mm} = 40-74 \text{ mm} \cdot 32 \text{ mm} = 55-75 \text{ mm} \cdot 42 \text{ mm} = 53-73 \text{ mm}$

· Fully multi-coated · Phase corrected BAK-4 roof prisms · Nitrogen filled · Waterproof/Fogproof · Twist-out eyecups · Lifetime warranty

NATURE TREK





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
35100	8x32	6.6 ft.	388 ft.	18 mm	18.4 oz	4 mm	\$179.99
35102	8x42	6.6 ft.	388 ft.	18 mm	22.5 oz.	5.25 mm	\$209.99
35103	10x42	6.6 ft.	304 ft.	13 mm	22.5 oz.	4.2 mm	\$219.99

Interpupillary Distance: $32 \text{ mm} = 55-76 \text{ mm} \cdot 42 \text{ mm} = 56-75 \text{ mm}$

35103

$\bullet \ \ Fully \ multi-coated \ \bullet \ High \ resolution \ BAK-4 \ roof \ prisms \ \bullet \ Nitrogen \ filled \ \bullet \ Waterproof/Fogproof \ \bullet \ Twist-out \ eyecups \ \bullet \ Lifetime \ warranty \ description \ des$

GENESIS





GN22-8

A Kowa binocular harness strap is included with the Genesis 44 binoculars. A highend binocular with Prominar XD objective lenses and C3 prism coatings.

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
GN22-8	8x22	5 ft.	430 ft.	18.5 mm	11.1 oz.	2.75 mm	\$799
GN22-10	10x22	5 ft.	343 ft.	16 mm	11.5 oz.	2.2 mm	\$849
GN33-8	8x33	5 ft.	420 ft.	15 mm	20.8 oz.	4.13 mm	\$999
GN33-10	10x33	5 ft.	357 ft.	15mm	20.8 oz.	3.3 mm	\$1099
GN44-8	8.5x44	5.5 ft.	367 ft.	18.3 mm	33 oz.	5.18 mm	\$1299
GN44-10	10.5x44	5.5 ft.	325 ft.	16 mm	34 oz.	4.19 mm	\$1399

Interpupillary Distance: 22 mm = 35-72mm • 33 mm = 56-73mm • 44 mm = 56-74mm

- Fully multi-coated Phase coated Light and durable magnesium frame BAK-4 and SK-15 roof prisms Wide field of view Diopter lock
- Twist-out eyecups Waterproof/Fogproof Nitrogen purged Limited Lifetime Warranty

BD II XD





Item#	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
BDII32-6.5XD	6.5x32	4.25 ft.	525 ft.	17 mm	18.5 oz.	4.92 mm	\$399
BDII32-8XD	8x32	4.25 ft.	462 ft.	16.5 mm	18.5 oz.	4 mm	\$399
BDII32-10XD	10x32	4.25 ft.	351 ft.	15 mm	18.5 oz.	3.2 mm	\$399
BDII42-8XD	8x42	5.9 ft.	429 ft.	17 mm	22.5 oz.	5.25 mm	\$449
BDII42-10XD	10x42	5.9 ft.	378 ft.	16.5 mm	22.5 oz.	4.2 mm	\$449

Interpupillary Distance: 57-76 mm

• Waterproof/Fogproof • Fully multi-coated • C3, KR and Phase coated • Nitrogen filled • Twist-out eyecups • Limited Lifetime Warranty

BD25

Compact Kowa Binoculars, extremely portable





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
BD25-8GR	8x25	6 ft.	330 ft.	15.8 mm	11.3 oz.	3.13 mm	\$275
BD25-10GR	10x25	6 ft.	262 ft.	17.7 mm	11.3 oz.	2.5 mm	\$275

5-8GR Interpupillary Distance: 56-74 mm

- Waterproof/Fogproof Filled with nitrogen gas Rubber armored Close focus
- Twist-out eyecups Phase coated Limited Lifetime Warranty

FREE
SHIPPING
over \$350.00

SV II





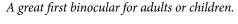
Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
SVII32-8	8x32	6.5 ft.	408 ft.	15.5 mm	19.9 oz.	4 mm	\$259
SVII32-10	10x32	6.5 ft.	315 ft.	16 mm	20.1 oz.	3.2 mm	\$259
SVII42-8	8x42	13.1 ft.	330 ft.	19.5 mm	23.5 oz.	5.25 mm	\$279
SVII42-10	10x42	13.1 ft.	315 ft.	15.5 mm	23.6 oz.	4.2 mm	\$279
SVII50-10	10x50	18 ft.	261 ft.	19.5 mm	26.1 oz.	5 mm	\$299
SVII50-12	12x50	18 ft.	252 ft.	15.5 mm	26.3 oz.	4.17 mm	\$299

Interpupillary Distance: 58.5-72 mm

- Waterproof/Fogproof Nitrogen purged Lightweight Fully multi-coated (50mm) High Reflective Prism coating (42 mm)
- Phase coated (32 mm) Twist-out eyecups Limited Lifetime Warranty

YF II







Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
YFII30-6	6x30	16.4 ft.	420 ft.	16.5 mm	16.5 oz.	4 mm	\$119
YFII30-8	8x30	16.4 ft.	393 ft.	16 mm	16.7 oz.	3.75 mm	\$119

Interpupillary Distance: 50-70mm

• Waterproof/Fogproof • Nitrogen filled • Fully multi-coated • Porro prism • Lightweight • Twist-out eyecups • Limited Lifetime Warranty

BX-5 SANTIAM HD





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
174481	8x42	8 ft.	377 ft.	18.5 mm	23.6 oz.	5.25 mm	\$999.99
174483	10x42	5 ft.	341 ft.	16.6 mm	24.3 oz.	4.2 mm	\$999.99

Interpupillary Distance: 58-74mm

174483

- $\bullet \ \ Waterproof/Fogproof \bullet Guard-ion \ lens \ coatings \bullet Open \ bridge \ design \bullet Twist-out \ eyecups \bullet Exceptional \ low \ light \ performance$
- Leupold Full Lifetime Warranty

BX-4 PRO GUIDE HD





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
172658	8x32	7 ft.	394 ft.	16 mm	17 oz.	4 mm	\$579.99
172662	8x42	8 ft.	368 ft.	19 mm	23.4 oz.	5.25 mm	\$599.99
172666	10x42	7.5 ft.	326 ft.	16 mm	24 oz.	4.2 mm	\$599.99

172662

Interpupillary Distance: 58-74 mm

- $\bullet \ \ Waterproof/Fogproof \bullet Nitrogen \ filled \bullet Phase \ coated \ prisms \bullet Exceptional \ low \ light \ performance \bullet Open \ bridge \ design \ desi$
- Twist-out eyecups Locking diopter focus Leupold Full Lifetime Warranty

BX-2 ALPINE HD





Item #	Model	Close Focus	FOV at 1,000 yd.	,	Weight	Exit Pupil	Price
181176	8x42	5.2 ft.	387 ft.	18 mm	24.3 oz.	5.25 mm	\$229.99
181177	10x42	5.2 ft.	342 ft.	15 mm	24.1 oz.	4.2 mm	\$249.99

Interpupillary Distance: 57-78 mm

- Waterproof/Fogproof Nitrogen filled EXO-Armor Housing Twist-out eyecups Includes binocular case and harness, but no neckstrap
- · Leupold Full Lifetime Warranty

BX-1 MCKENZIE HD





Item #	Model		FOV at 1,000 yd.	,	Weight	Exit Pupil	Price
181172	8x42	10 ft.	320 ft.	17 mm	22.3 oz.	5.25 mm	\$189
181173	10x42	10 ft.	304 ft.	12 mm	22 oz.	4.2 mm	\$199

Interpupillary Distance: 56-74 mm

- Waterproof/fogproof Nitrogen filled Polycarbonate housing Twist-out eyecups Includes binocular case and harness, but no neckstrap
- · Leupold Full Lifetime Warranty

MEOSTAR B1 PLUS





These ruggedly constructed binoculars provide sharp and bright images in a tough package.

Item #	Model	Close Focus	FOV at 1,000 yd.	, ,	Weight	Exit Pupil	Price
499782	8x32	5.6 ft.	417 ft.	15.5 mm	21 oz	4 mm	\$1749.99
467772	8x42	9.8 ft.	413 ft.	17.5 mm	31.9 oz	5.25 mm	\$1899.99
467783	10x42HD	8.5 ft.	332 ft.	15 mm	33.3 oz.	4.2 mm	\$1899.99

Interpupillary Distance: $32 \text{ mm} = 58-74 \text{ mm} \cdot 42 \text{ mm} = 56-74 \text{ mm}$

- $\bullet \quad A luminum \ alloy \ body \ \bullet \ MeoBright \ ^{^{\bowtie}} \ MeoShield \ ^{^{\bowtie}} \ and \ MeoDrop \ ^{^{\bowtie}} \ coatings \ \bullet \ Nitrogen \ filled \ \bullet \ Waterproof/Fogproof \ \bullet \ Twist-out \ eyecups \ ^{^{\bowtie}} \ for \ body \ ^{^{\bowtie}} \ for \ body \ ^{^{\bowtie}} \ for \ ^{^{\bowtie}} \ for \ body \ ^{^{\bowtie}} \ for \ body \ ^{^{\bowtie}} \ for \ ^{^{\bowtie}} \ for \ body \ ^{^{\bowtie}} \ for \ ^{^{\bowtie}} \ for \ body \ ^{^{\bowtie}} \ for \ body \ ^{^{\bowtie}} \ for \ ^{^{\bowtie}} \ for \ body \ ^{^{\bowtie}} \ for \ ^{^{\bowtie}} \ for \ body \ ^{^{\bowtie}} \ for \ body \ ^{^{\bowtie}} \ for \ ^{^{\bowtie}} \ for \ body \ ^{^{\bowtie}} \ for \ body \ ^{^{\bowtie}} \ for \ ^{^{\bowtie}} \ for \ body \ ^{^{\bowtie}} \ for \ ^{^{\bowtie}} \ for \ body \ ^{^{\bowtie}} \ for \ body \ ^{^{\bowtie}} \ for \ ^{^{\bowtie}} \ for \ body \ ^{^{\bowtie}} \ for \ ^{^{\bowtie}} \ for \ body \ ^{^{\bowtie}} \ for$
- Locking diopter focus Lifetime Transferable Warranty

MEOPRO AIR





Close FOV at Eye Exit Item # Model Weight Price Focus 1,000 yd. Relief Pupil 1032368 8x42 6.6 ft. 414 ft. 22 mm 28.2 oz. 5.25 mm \$1099.99 1032370 10x42 6.6 ft. 18 mm 28.2 oz. 4.2 mm \$1149.99

Interpupillary Distance: 56-74 mm

- 1032368
- Waterproof/Fogproof Magnesium alloy body MeoShield™ anti-abrasion lens coatings and MeoDrop™ hydrophobic lens coatings
- · Open bridge design · Locking diopter focus · Twist-out eyecups · Lifetime Transferable Warranty

OPTIKA





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
653500	8x42	8.2 ft.	393 ft.	17 mm	22.9 oz	5.25 mm	\$449.99
653505	10x42	9.8 ft.	351 ft.	15 mm	22.9 oz.	4.2 mm	\$449.99

Interpupillary Distance: 56-74 mm

- Magnesium alloy body Dielectric and phase coated MeoShield™ coating Waterproof/Fogproof Twist-out eyecups
- Lifetime Transferable Warranty

MONARCH HG





The most advanced Monarch - ever!

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
16575	8x30	6.6 ft.	435 ft.	16.2 mm	15.9 oz.	3.75 mm	\$949.95
16027	8x42	6.6 ft.	435 ft.	17.8mm	23.5 oz.	5.25 mm	\$979.95
16028	10x42	6.6 ft.	362 ft.	17mm	24 oz.	4.2 mm	\$999.95

Interpupillary distance: 56-74mm

- Extra-low dispersion (ED) glass Phase coated Multi-layer dielectric coating Field flattener system
- Magnesium alloy; light-weight body Twist-out eyecups Locking diopter Waterproof/Fogproof Limited Lifetime Warranty

MONARCH M7





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
16763	8x30	6.6 ft.	435 ft.	15.1mm	16.4 oz.	3.75 mm	\$479.95
16764	10x30	6.6 ft.	351 ft.	15.8mm	16.6 oz.	3 mm	\$489.95
16765	8x42	8.2 ft.	435 ft.	17.1mm	23.6 oz.	5.25 mm	\$489.95
16766	10x42	8.2 ft.	362 ft.	16.5mm	24 oz.	4.2 mm	\$499.95

16764

- $\bullet \ \ Waterproof/Fogproof \bullet Nitrogen \ filled \bullet Fully \ multi-coated \bullet \ Phase \ coated \bullet \ Dielectric \ prism \ coating \bullet \ Locking \ diopter \ focus$
- Twist-out eyecups Limited Lifetime Warranty

MONARCH M5







Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
16767	8x42	8.2 ft.	335 ft.	19.5mm	22.2 oz.	5.25 mm	\$289.95
16768	10x42	8.2 ft.	293 ft.	18.4mm	22.6 oz.	4.2 mm	\$299.95
16769	12x42	8.2 ft.	267 ft.	15.1mm	22.6 oz.	3.5 mm	\$319.95

16767

- $\bullet \ \ Waterproof/Fogproof \bullet Nitrogen \ filled \bullet Fully \ multi-coated \bullet Phase \ coated \bullet Dielectric \ prism \ coating \bullet Twist-out \ eyecups$
- Limited Lifetime Warranty

PROSTAFF P7





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
16770	8x30	8.2 ft.	456 ft.	15.4 mm	17.1 oz.	3.8 mm	\$179.95
16771	10x30	8.2 ft.	346 ft.	15.4 mm	16.6 oz.	3 mm	\$189.95
16772	8x42	9.8 ft.	377 ft.	20.2 mm	20.8 oz.	5.3 mm	\$189.95
16773	10x42	9.8 ft.	367 ft.	15.7mm	21.2 oz.	4.2 mm	\$199.95

16771

• Waterproof/Fogproof • Nitrogen filled • Fully multi-coated • Locking Diopter focus • Twist-out eyecups • Limited Lifetime Warranty

PROSTAFF ATB





Nice compact Rubber Armored Reversed Porro Prism Binoculars

Item #	Model		FOV at 1,000 yd.	,	Weight	Exit Pupil	Price
7483	8x25	9.2 ft.	330 ft.	15.5 mm	12.5 oz.	3.13 mm	\$129.95
7485	10x25	9.2 ft.	262 ft.	15.9 mm	12.9 oz.	2.5 mm	\$139.95

Interpupillary distance: 56-72mm

- Compact BAK-4 Prisms Waterproof/Fogproof Eco-glass Rubber armored Polycarbonate body Multi-coated Twist-out eyecups
- · Limited Lifetime Warranty

ACULON A211





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
8244	7x35	16.4 ft.	488 ft.	11.8 mm	24.2 oz.	5 mm	\$79.95
8245	8x42	16.4 ft.	420 ft.	12 mm	26.6 oz.	5.25 mm	\$89.95
8246	10x42	16.4 ft.	314 ft.	11.6 mm	26.8 oz.	4.2 mm	\$99.95
8247	7x50	26.2 ft.	335 ft.	17.6 mm	31.9 oz.	7.14 mm	\$109.95
8248	10x50	23 ft.	341 ft.	11.8 mm	31.7 oz.	5 mm	\$119.95

Interpupillary distance: 56-72mm

· Multi-coated eco-glass · Rubber armoured · Twist-out eyecups · Aspherical lenses · Not Waterproof · Limited Lifetime Warranty

TRAVELITE





A compact, Rubber Armored Binocular. Aspherical Eyepiece lenses allow for a viewing field that is uncommonly flat.

Item #	Model		FOV at 1,000 yd.		Weight	Exit Pupil	Price
7277	8x25	9.8 ft.	293 ft.	14 mm	9.3 oz.	3.13 mm	\$99.95
7278	10x25	9.8 ft.	262 ft.	11.1 mm	9.5 oz.	2.5 mm	\$109.95

Interpupillary distance: 56-72mm

• Compact • Multi-coated eco-glass • BAK-4 Prisms • Clicking diopter • Not waterproof • Rubber eyecups • Limited Lifetime Warranty

AURORA BGA VHD

<u>opticron</u>



Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
30775	8x42	6.2 ft.	423 ft.	20 mm	25.6 oz.	5.25 mm	\$1149
30776	10x42	6.2 ft.	348 ft.	16 mm	25.2 oz.	4.2 mm	\$1159

Interpupillary distance: 56-75 mm

- Fully multi-coated Phase coated w/ Oasis prism coatings ED glass Flat field of view Nitrogen filled Waterproof/Fogproof
- Twist-out eyecups Premier Plus Limited Lifetime Warranty

DBA VHD+

<u>opticron</u>



Smaller, lighter, brighter, sharper, takes this binocular to a new level.

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
30693	8x42	8.2 ft.	366 ft.	22 mm	24.6 oz.	5.25 mm	\$899
30694	10x42	8.2 ft.	315 ft.	17 mm	25.2 oz.	4.2 mm	\$919

Interpupillary distance: 56-74 mm

- Fully multi-coated Phase coated w/ Oasis prism coatings ED glass Flat field of view Nitrogen Purged Waterproof/Fogproof
- Twist-out eyecups Premier Plus Limited Lifetime Warranty

IMAGIC IS IMAGE STABILIZED

oloticron



Some people find it hard to keep binoculars over 10x magnification steady without the use of a tripod or other support. By mechanically and electronically canceling the "shake" caused by the natural rhythm of the body, this binocular allows you to see sharper images and more detail with greater accuracy.

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
30730	10x30	9.5 ft.	270 ft.	15 mm	18.8 oz.	3 mm	\$879
30731	12x30	9.5 ft.	264 ft.	15 mm	18.9 oz.	2.5 mm	\$889
30732	14x30	9.5 ft.	231 ft.	15 mm	19 oz.	2.14 mm	\$899

30731

Interpupillary distance: 54-74 mm

- Fully multi-coated Splashproof 2-axis image stabilization system (+/-3°) Twist-out eyecups Requires 2 AA batteries
- Premier Plus Limited Lifetime Warranty

NATURA BGA ED

oloticron



High resolution optics with excellent color correction. For the enthusiast wanting a lightweight yet robust binocular.

Item #	Model		FOV at 1,000 yd.	7	Weight	Exit Pupil	Price
30655	8x42	8.2 ft.	366 ft.	23 mm	22.9 oz.	5.25 mm	\$549
30656	10x42	8.2 ft.	315 ft.	20 mm	23.6 oz.	4.2 mm	\$565

Interpupillary distance: 56-76 mm

- Fully multi-coated Oasis prism coatings Long eye relief Waterproof/Fogproof Nitrogen purged
- · Durable textured natural rubber armoring Twist-out eyecups Premier Plus Limited Lifetime Warranty

VERANO BGA VHD

oloticron



Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
30780	8x32	6.6 ft.	393 ft.	18 mm	18.7 oz.	4 mm	\$609
30781	8x42	4.3 ft.	393 ft.	22 mm	23.2 oz.	5.25 mm	\$619
30782	10x42	4.3 ft.	327 ft.	18 mm	23 oz.	4.2 mm	\$629

Interpupillary distance: 56-77mm.

- $\bullet \ \ Fully \ multi-coated \ \bullet \ Phase \ corrected \ prism \ coating \ with \ Oasis \ coating \ \bullet \ Nitrogen \ filled \ \bullet \ Waterproof/fogproof \ \bullet \ Twist-out \ eyecups$
- Premier Plus Limited Lifetime Warranty

TRAVELLER BGA ED

oloticron



Smaller, lighter, brighter, sharper.

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
30648	8x32	5.9 ft.	429 ft.	19 mm	15.9 oz.	4 mm	\$549
30649	10x32	5.9 ft.	339 ft.	17 mm	16.0 oz.	3.2 mm	\$565

Interpupillary distance: 51-73mm.

- Fully multi-coated Phase coated Oasis coatings BAK-4 prisms Twist-out eyecups Waterproof/Fogproof Nitrogen gas filled
- Magnesium body Premier Plus Limited Lifetime Warranty

EXPLORER WA ED-R

oloticron



Item #	Model	Focus	1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
30770	8x32	8.2 ft.	408 ft.	18 mm	15.5 oz.	4 mm	\$329
30771	8x42	6.6 ft.	393 ft.	17 mm	23.6 oz.	5.25 mm	\$355
30772	10x42	8.2 ft.	339 ft.	15 mm	23.3 oz.	4.2 mm	\$375

30772

Interpupillary distance: 32 mm: 54-74mm • 42 mm: 55-73 mm.

- Fully multi-coated Phase corrected prism coating Nitrogen filled Waterproof/Fogproof Twist-out eyecups
- Premier Limited Lifetime Warranty

DISCOVERY WP PC

<u>opoticron</u>



A binocular with great eye relief and close focus. 8x50 and 10x50 are also available.

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
30452	8x32	3.9 ft.	393 ft.	17 mm	13.8 oz.	4 mm	\$265
30458	8x42	4.9 ft.	393 ft.	22 mm	24.8 oz.	5.25 mm	\$285
30459	10x42	4.9 ft.	315 ft.	17 mm	24.6 oz.	4.2 mm	\$299

Interpupillary distance: $32 \text{ mm} = 52-75 \text{ mm} \cdot 42 \text{ mm} = 53-75 \text{ mm}$

- Fully multi-coated Phase coated Twist-out eyecups Click stop diopter 8x42, 10x42: magnesium body
- $\bullet \ \ 8x32: super lightweight \ plastic \ body \ \bullet \ Waterproof/Fogproof \ \bullet \ Nitrogen \ filled \ \bullet \ Premier \ Limited \ Lifetime \ Warranty$

OREGON 4 PC OASIS

oloticron



Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
30765	8x32	5.9 ft.	423 ft.	15 mm	17.5 oz.	4 mm	\$199
30766	8x42	7.5 ft.	366 ft.	22 mm	24.2 oz.	5.25 mm	\$219
30767	10x42	7.5 ft.	315 ft.	18 mm	23.9 oz.	4.2 mm	\$229

Interpupillary distance: 32 mm = 58-74 mm • 42 mm = 57-74 mm

- Fully multi-coated Phase corrected prism coating with Oasis coating Nitrogen filled Waterproof/Fogproof Twist-out eyecups
- Premier Limited Lifetime Warranty

SAVANNA WP

<u>opticron</u>



A great first binocular for adults or children. A great value.

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
30045	6x30	9.8 ft.	420 ft.	21 mm	17.1 oz.	5 mm	\$189
30046	8x30	9.8 ft.	393 ft.	18 mm	17.3 oz.	3.75 mm	\$199

Interpupillary distance: 50-70mm

• Just 4.5" high • Lightweight • Waterproof • Twist-out eyecups • Rubber Armored • Premier Limited Lifetime Warranty

ENDEAVOR ED IV





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
EDIV 8420	8x42	5.9 ft.	377 ft.	19 mm	27.7 oz.	5.25 mm	\$499.99
EDIV 1042	10x42	5.9 ft.	340 ft.	19 mm	27.7 oz	4.2 mm	\$499.99

Interpupillary distance: 56-74 mm

- Waterproof/Fogproof Fully multi-coated Phase coated Nitrogen purged Open bridge design Lightweight magnesium alloy body
- Locking Diopter Twist-out eyecups No-fault Lifetime Warranty

ENDEAVOR EDII





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
EDII 8420	8x42	6.6 ft.	377 ft.	19.5 mm	27.1 oz.	5.25 mm	\$399.99
EDII 1042	10x42	6.6 ft.	340 ft.	18 mm	27.1 oz.	4.2 mm	\$399.99

Interpupillary distance: $32 \text{ mm} = 55-74 \text{ mm} \mid 42 \text{ mm} = 58-74 \text{ mm}$

- Multi-coated Open bridge design Magnesium chassis Waterproof/Fogproof Phase coated Twist-out eyecups
- No-fault Lifetime Warranty

ENDEAVOR ED



VANGUARD

VANGUARD



 $These \ are \ multiple \ award-winning \ ED \ binoculars.$

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
ED 8320	8x32	6.6 ft.	377 ft.	17.5 mm	16.9 oz.	4 mm	\$269.99
ED 8420	8x42	6.6 ft.	367 ft.	19 mm	25.8 oz.	5.25 mm	\$299.99
ED 1042	10x42	8.2 ft.	340 ft.	16.5 mm	25.8 oz.	4.2 mm	\$299.99

Interpupillary distance: $32 \text{ mm} = 55-74 \text{ mm} \mid 42 \text{ mm} = 58-74 \text{ mm}$

- Fully multi-coated BAK-4 phase coated prisms Open bridge design Waterproof/Fogproof Twist-out eyecups
- No-fault Lifetime Warranty

VEO HD2



HD2 8420

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
HD2 8420	8x42	6.5 ft.	374 ft.	19 mm	24.7 oz.	5.25 mm	\$399.99
HD2 1042	10x42	6.5 ft.	342 ft.	18 mm	25 oz.	4.2 mm	\$399.99

Interpupillary Distance: 58-74 mm

- Fully multi-coated Nitrogen filled Waterproof/Fogproof Open Bridge Design Locking Diopter Focus Twist-out eyecups
- · Limited Lifetime Warranty

VEO ED



VEO ED 1042

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
VEO ED 8420	8x42	8.2 ft.	330 ft.	19 mm	21.9 oz.	5.25 mm	\$199.99
VEO ED 1042	10x42	9.2 ft.	314 ft	16 mm	21907	4.2 mm	\$199 99

Interpupillary Distance: 55-74 mm

 $\bullet \quad \text{Fully multi-coated} \bullet \text{Waterproof/Fogproof} \bullet \text{Locking Diopter Focus} \bullet \text{Twist-out eyecups} \bullet \text{Limited Lifetime Warranty}$

RAZOR UHD



RZB-3102

Ultra High Definition Optical System

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
RZB-3101	8x42	3.3 ft.	420 ft.	16.7 mm	32.2 oz.	5.3 mm	\$1649.99
RZB-3102	10x42	3.3 ft.	346 ft.	16.7 mm	32.2 oz.	4.2 mm	\$1699.99

Interpupillary Distance: 56-76 mm Also available in 18x56 and 12x50

- Plasma Tech, XR Plus, ArmorTek and Dielectric Lens Coatings Abbe Koenig Prisms Waterproof/Fogproof Twist-out eyecups
- Magnesium Chassis Unconditional VIP Warranty

RAZOR HD





RZB-2102

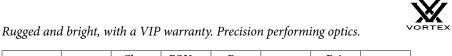
Make the most of all the advantages.

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
RZB-2101	8x42	6 ft.	388 ft.	17.5 mm	24.2 oz.	5.25 mm	\$979.99
RZB-2102	10x42	6 ft.	362 ft.	16.5 mm	24.8 oz.	4.2 mm	\$999.99

Interpupillary Distance: 55-75 mm Also available in 12x50 and 10x50

- Plasma Tech Coated XR™ Plus multi-coated lenses Armor Tek Dielectric and coatings Waterproof/Fogproof Argon gas purged
- Twist-out eyecups Locking diopter focus Rubber Armored Unconditional VIP warranty

VIPER HD





V200

FOV at Close Eye Exit Model Item # Weight Price Focus 1,000 yd. Relief Pupil V200 8x42 5 ft. 409 ft. 24.5 oz. 5.25 mm \$489.99 18 mm V201 10x42 6.5 ft. 341 ft. 17 mm 24.9 oz. 4.2 mm \$499.99

Interpupillary Distance: 56-75 mm Also available in 12x50 and 10x50

- Fully multi-coated Locking diopter focus Dielectric and Armor Tek coatings Twist-out eyecups Argon gas purged
- Waterproof/Fogproof Rubber armored Unconditional VIP warranty

DIAMONDBACK HD





A rugged, affordable binocular with a VIP warranty.

FOV at Close Eye Exit Weight Item # Model Price **Focus** 1,000 yd. Relief Pupil DB214 393 ft. 8x42 5 ft. 17 mm 21.8 oz. 5.3 mm \$239.99 DB215 10x42 6.7 ft. 330 ft. 15 mm 21.3 oz. 4.2 mm \$249.99

DB215

Interpupillary Distance: 55-73 mm Also available in 12x50 and 10x50

- $\bullet \ \ Fully \ multi-coated \ \bullet \ Phase \ coated \ \bullet \ Twist-out \ eyecups \ \bullet \ Waterproof/Fogproof \ \bullet \ Argon \ purged \ \bullet \ Rubber \ armored$
- Unconditional VIP warranty

RAPTOR

A light-weight, waterproof birding binocular. A wide range of interpupillary distance 50-70mm adjusts to anyone in the family!





Item #	Model	Close Focus	FOV at 1,000 yd.		Weight	Exit Pupil	Price
R385	8.5x32	15 ft.	390 ft.	14 mm	17.3 oz.	3.76 mm	\$99.99

Interpupillary Distance: 50-70 mm

- $\bullet \ \ Wide field \ of \ view \ \bullet \ Waterproof/Fogproof \ \bullet \ Twist-out \ eyecups \ \bullet \ Nitrogen \ purged \ \bullet \ Fully \ multi-coated \ \bullet \ Rubber \ armored$
- Unconditional VIP warranty

MONOCULAR



Use the 6x18 as a hand-held microscope!

Stunning image quality and large field of view in a sleek and elegant profile!



Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
522051	6x18	0.98 ft.	360 ft.	15.0mm	2.1 oz.	3.0mm	\$369.99
522052	8x20	9.8 ft.	330 ft.	15.0mm	2.7 oz.	2.5mm	\$379.99
522053	10x25	14.8 ft.	264 ft.	15.0mm	3.10 oz.	2.5mm	\$399.99

- Fully Multi-coated Leather pouch Carry strap Weather resistant Rubber eyecup
- Extreme close focus (only the 6x18) use as a handheld microscope Limited Lifetime Transferable Warranty

DBA VHD+ MONOCULAR





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Price
30691	8x42	4.9 ft.	366 ft.	22 mm	11.5 oz.	\$455
30692	10x42	4.9 ft.	315 ft.	17 mm	11.8 oz.	\$479

• Waterproof/Fogproof • Nitrogen filled • Multi-coated and Phase coated • Twist-out eyecup • Premier Plus Limited Lifetime Warranty

MONOCULAR

<u>opticron</u>



Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
30348	8x32	16.4 ft.	393 ft.	16 mm	9.6 oz.	4 mm	\$179

Under 10 oz. Also available in 5x30 w/25mm eye relief and 8x30.

 $\bullet \quad Fully \ multi-coated \ \bullet \ Nitrogen \ filled \ \bullet \ Waterproof/Fogproof \ \bullet \ Black \ rubber \ armored \ \bullet \ Twist-out \ eyecup \ \bullet \ Premier \ Limited \ Lifetime \ Warranty$

EXPLORER WA ED-R MONOCULAR opticron



Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
30784	8x32	6.6 ft.	408 ft.	18 mm	9.2 oz.	4 mm	\$209
30785	8x42	6.2 ft.	393 ft.	17 mm	11.6 oz.	5.25 mm	\$219
30786	10x42	6.2 ft.	339 ft.	15 mm	11.3 oz.	4.2 mm	\$229

- $\bullet \ \ Fully \ multi-coated \ \bullet \ Phase \ corrected \ prism \ coating \ \bullet \ Nitrogen \ filled \ \bullet \ Waterproof/fogproof \ \bullet \ Twist-out \ eyecup$
- Premier Plus Lifetime Warranty

SOLO MONOCULARS Super compact and rugged.





Item #	Model		FOV at 1,000 yd.		Weight	Exit Pupil	Price
S825	8x25	16.4 ft.	378 ft.	15 mm	5.6 oz.	3.13 mm	\$69.99
S836	8x36	16.4 ft.	393 ft.	18 mm	9.7 oz.	4.5 mm	\$119.99

10x also available.

- Twist-out eyecups Fully multi-coated Nitrogen purged Waterproof/Fogproof Rubber armored Utility clip on 8x36
- · Unconditional VIP warranty

EL RANGE WITH TRACKING ASSISTANT



Ground Breaking Precision

Item #	Model	Close Focus	Range	FOV at 1,000 yd.	Eye Relief	Weight w/o batteries	Exit Pupil	Price
72008	8x42	16.4 ft.	10-2200 yd.	419 ft.	19 mm	32.8 oz.	5.25 mm	\$3599
72010	10x42	16.4 ft.	10-2200 yd.	359 ft.	19 mm	32.6 oz.	4.2 mm	\$3699

Interpupillary distance: 56-74 mm

- Waterproof/Fogproof Swarodur, swarotop, and swaroclean coatings Nitrogen filled Twist-out eyecups Open Bridge design
- · Actual Distance and Horizontal display mode · Red internal display · Can be configured to suit your specific needs and you can transfer your own ballistics data • Tracking assistant helps narrow down the area where your last shot hit the target • Limited Lifetime Warranty

CRF-2400



Item #	Model	FOV at 1,000 yd.	Range	Eye Relief	Weight	Price
40546	7x24	126 ft.	11-2400 yd	15 mm	6.5 oz.	\$599

- · Actual Distance and Horizontal Display Mode Red internal display Waterproof/Fogproof
- · Memory card slot

GEOVID 3200.COM





40807

Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
40806	8x42	16 ft.	427 ft.	18 mm	33.5 oz.	5.25 mm	\$3099
40807	10x42	16 ft.	374 ft.	16 mm	33.5 oz.	4.2 mm	\$3099

Interpupillary distance: 56-74 mm

- Waterproof/Fogproof Nitrogen filled Aqua Dura lens coating HDC coating LED display with 4 characters Bluetooth enabled
- Power Supply: 1x 3V/CR2 button cell battery 10 yr Passport protection plan plus 30 yr Manufacturer's Warranty (2 year warranty on electrical components)

GEOVID-R RANGEFINDER





Item #	Model	Close Focus	FOV at 1,000 yd.	Range	Weight	Exit Pupil	Price
40811	8x42	18.4 ft.	375 ft.	10-2000 yd	33.9 oz.	5.25 mm	\$1399
40812	10x42	18.4 ft.	330 ft.	10-2000 yd	33.7 oz.	4.2 mm	\$1399

- · Waterproof/Fogproof · Nitrogen filled · Twist-out eyecups · Aqua Dura lens coating · Multi-coated · LED display with 4 characters
- Power Supply: 1x 3V/CR2 lithium button cell battery 10 yr Passport protection plan plus 30 yr Manufacturer's Warranty (2 year warranty on electrical components)

VICTORY RF





Item #	Model	Close Focus	FOV at 1,000 yd.	Range	Eye Relief	Weight w/o batteries	Exit Pupil	Price
524548	8x42	8.2 ft.	405 ft.	16-2500 yd	17 mm	31.6 oz.	5.25 mm	\$3499.99
524549	10x42	8.2 ft.	345 ft.	16-2500 yd	17 mm	32.3 oz.	4.2 mm	\$3549.99

- · Waterproof/Fogproof · LotuTec*/T* Protective Coating · Nitrogen Purged · Twist-out Eyecups · Designed for single or dual-handed operation
- · Actual Distance and Horizontal Display Mode · Red internal display · Bluetooth enabled · 5 Year No-Fault Policy
- Limited Lifetime Transferable Warranty (5 year Warranty on electrical components)

LASERFORCE RANGEFINDER BINOCULAR





Item #	Model	Close Focus	FOV at 1,000 yd.	Range	Eye Relief	Weight w/o batteries	Exit Pupil	Price
16212	10x42	23 ft.	320 ft.	10-1900 yd	15.5 mm	30.9 oz.	4.2 mm	\$1199.95

- · Waterproof/Fogproof Fully Multi-coated Twist-out eyecups Tripod Adaptable Actual Distance and Horizontal Display Mode
- · Red internal display · Power Source: CR2 lithium battery · Lifetime Warranty (1 year warranty on electronic components)

FURY HD 5000 RANGEFINDER BINOCULAR





Item #	Model	Close Focus	FOV at 1,000 yd.	Range	Eye Relief	Weight w/o batteries	Exit Pupil	Price
LRF300	10x42	20 ft.	314.4 ft.	5-5000 yd	16 mm	31.8 oz.	4.2 mm	\$1199.99

Interpupillary distance: 56-69 mm

- · Waterproof/Fogproof XR" Plus and ArmorTek lens coatings HCD (Horizontal Component Distance) and LOS (Line of Sight) Modes
- · Red internal display •Rubber armored Twist-out eyecups Unconditional VIP warranty

VORTEX RANGEFINDERS





LRF-CF-1400

Description	Item #	Model	Range	Eye Relief	Weight	Exit Pupil	Price
Razor HD 4000	LRF250	7x25	5-4000 yd	16-19 mm	9.9 oz.	3.57 mm	\$499.99
Viper HD 3000	LRFVP3000	7x25	6-3000 yd	15.5 mm	9.1 oz.	3.57 mm	\$399.99
Diamondback HD 2000	LRFDB2000	7x24	5-2000 yd	16 mm	7.6 oz.	3.43 mm	\$299.99
Crossfire HD 1400	LRFCF1400	5x22	5-1400 yd	16 mm	4.8 oz.	4.4 mm	\$199.99

- · HCD (Horizontal Component Distance) and LOS (Line of Sight) Red Internal Display Waterproof/Fogproof
- Fully multi-coated Unconditional VIP Warranty

FREE SHIPPING over \$350.00

ATX/STX/BTX MODULAR SPOTTING SCOPES

BETTER VIEWING IN EVERY SITUATION!





AN INGENIOUS SYSTEM CHOOSE YOUR EYEPIECE & OBJECTIVE LENS

- 4 sizes objective models Swarovision Field flattener lens
- Fluoride containing HD lenses
- Swarodur and Swarotop coatings for lifelike colors
- Swaroclean non-stick coatings Magnesium housing
- •Nitrogen filled •Waterproof/Fogproof Tilting Tripod Ring
- Limited Lifetime Warranty

Item #	Model	Magnification	Magnification w/ ME Extender	Close Focus	FOV at 1,000 yd.	Weight w/ ATX (angled)	Weight w/ STX (straight)	Length w/ ATX (angled)	Length w/ STX (straight)	Eye Relief	Price
48865	65 mm	25-60x	42-100x	6.9 ft.	124-68 ft.	55.9 oz.	57.8 oz.	13.3 in.	14.4 in.	20 mm	\$1099
48885	85 mm	25-60x	42-100x	11.8 ft.	124-68 ft.	67.4 oz.	69.3 oz.	14.6 in.	15.7 in.	20 mm	\$1829
48895	95 mm	30-70x	50-120x	15.7 ft.	104-57 ft.	75.8 oz.	77.8 oz.	16.8 in.	17.9 in.	20 mm	\$2299
48815	115 mm	30-70x	50-120x	15.7 ft.	104-57 ft.	102.6 oz.	104.6 oz.	17.3 in.	18.4 in.	20 mm	\$3199
49901	ATX Module										\$2599
49902	STX Module										\$2599

BTX MODULAR SPOTTING SCOPES

The BTX offers the most comfortable viewing experience, allowing you to see action more closely with both eyes.

Item #	Model	Magnification	Magnification w/ ME Extender	Close Focus	FOV at 1,000 yd.	Weight w/ BTX	Length w/ BTX	Eye Relief	Price
48865	65 mm	30x	50x	6.9 ft.	112 ft.	77.3 oz.	14.6 in.	21 mm	\$1099
48885	85 mm	30x	50x	12.5 ft.	112 ft.	88.8 oz.	15.9 in.	21 mm	\$1829
48895	95 mm	35x	60x	16.4 ft.	96 ft.	97.3 oz.	18 in.	21 mm	\$2299
48815	115 mm	35x	60x	16.4 ft.	96 ft.	124.2 oz.	18.6 in.	21 mm	\$3199
49903	BTX Module								\$3044

ME 1.7 EXTENDER



49230 \$489

BALANCE RAIL



This balance rail will only work on new Swarovski heads or any Arca Swiss Adapters

49089 \$259

\$43.00 each

T-RINGS

TLS APO



T-Rings available in Canon • Nikon

• Micro 4/3 • Sony E-Mount

49312 for ATX/STX
Telephoto Lens System
7 oz. \$659

VPA VARIABLE PHONE ADAPTER & ACCESSORIES FOR ATS/STS & ATX/STX

Item #	Description	Price
44270	VPA Variable Phone Adapter	\$199
44216	AR-B for Binoculars/BTX	\$54
44223	AR-S for ATS/STS	\$66
44224	AR-S for ATX/STX	\$66



ATX/STX/BTX CASES FOR MODULAR SCOPE



Item #	for Model	Price
49950	48865	\$189.00
49951	48885	\$189.00
49952	48895	\$189.00
49956	48815	\$189.00
49953	49901	\$169.00
49954	49902	\$169.00
49955	49903	\$239.00

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ATS SPOTTING SCOPE





Item #	Model	Weight	Close Focus	Length w/Eyepiece	Price
49315	ATS65HD	39.1 oz.	9.8 ft.	14.6 in.	\$1899
49615	ATS80HD	45.2 oz.	16 ft.	15.8 in.	\$2649

— Suggested Accessories —

• 49089 Spotting Scope Balance Rail, page 25

- Also available in Straight Body
- Waterproof/Fogproof Nitrogen purged Edge to edge sharpness Close focusing
- · Rubber armored · Extendable lens shade · Limited Lifetime Warranty

ATS CASES

A very nice deluxe stay-on case for your Swarovski scope. For 65 mm and 80 mm. Available for straight or angled bodies.



Item #	for Model	Price
49724	ATS65	\$329
49824	ATS80	\$329

EYEPIECES

Swarovski uses a special technology so that each eyepiece has the same power in both the 80mm and 65mm scopes.







49430 20-60x zoom

Item #	Model	Eye Relief FOV at 1000 yd.		Weight	Price	
49440	25-50x	17 mm	126-81 ft.	9.2 oz.	\$769	
49430	20-60x	17 mm	108-60 ft.	10.4 oz.	\$649	

ATC SPOTTING SCOPE





Handy compact size with ultimate optical performance!

Item #	Model	Weight	Close Focus	FOV at 1000 yd.	Length	Price
48900	17-40x56	34.2 oz.	11.2 ft.	186-102 ft.	10.2 in.	\$2449

Also available in Straight Body

- Waterproof/Fogproof Field Flattener lens Innovative lens coatings Removable half shell on the bottom for easier positioning when hand holding or resting on a surface
- Carry strap included Limited Lifetime Warranty





TELEVID 82MM APO







A high-end, top of the range spotting scope series!

Item #	Model	Close Focus	FOV at 1,000 yd.	Weight	Length	Price
40121	25-50x 82 mm	12.8 ft.	134-92 ft.	61.4 oz.	12.8 in.	\$3598

Shown with the included 25-50x wide angle eyepiece

- Suggested Accessories —
- 42070 Stay-on Case for Angled 82 mm, price: \$260
- 41022 Extender 1.8x Apo Televid (Angled only), price: \$415 Boost your power on the Televid by 1.8x (45-90x)



- · Waterproof/Fogproof · Nitrogen filled · Rubber armored · Magnesium body · APO flouride lens · Fully multi-coated
- Aqua Dura coating 10-Year passport protection plan plus a 30 yr Manufacturer's Warranty

VICTORY HARPIA





528057 Shown with included eyepiece

- FOV Weight (w/ Length (w/ Item # Model Close Focus Exit Pupil Price at 1000 yd. eyepiece) eyepiece) 528047 22-65x85 mm 11.5 ft. 189.6-63 ft. 76 oz. 17.9 in. 2.8-1.3 mm \$4799.99 528057 23-70x95 mm 14.8 ft. 176.4-58.5 ft. 81.1 oz. 18.2 in. 2.8-1.3 mm \$4999.99
- Suggested Accessories —
- 2169-976 Stay-on Case Harpia 85 \$199.99 2169-977 Stay-on Case Harpia 95 \$199.99
- Robust and reliable design LotuTec and T Coatings FL and HT glass Nitrogen filled Waterproof/Fogproof
- Easy-to-use dual speed focusing Wide angle viewing 5 Year No Fault Warranty, plus a Limited Lifetime Transferable Warranty

CONQUEST GAVIA 85





Item #	Model	Close Focus	FOV at 1000 yd.	Weight (w/o eyepiece)	Length	Exit Pupil	Price
528048	30-60x85 mm	10.8 ft.	99-69 ft.	60 oz.	15.6 in.	2.8-1.4 mm	\$1999.99

- Suggested Accessories —
- 2169-979 Stay-on Case, price: \$99.99

Shown with included eyepiece, 30-60x

- Magnesium Body High Resolution HD Glass Fully Multi-coated Nitrogen filled Water/Fog proof Large grip focus
- Limited Lifetime Transferable Warranty, plus 5 year No-Fault Warranty

SHASTA RIDGE SPOTTING SCOPE



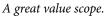


Item #	Model	Close Focus	FOV at 1000 yd.	Eye Relief	Weight	Price
788	20-60x80 mm	24 ft.	113-55 ft.	19 mm	56 oz.	\$599.99

Shown with included eyepiece

• Waterproof/Fogproof • Nitrogen filled • BaK 4 Prism • Fully multi-coated • Limited Lifetime Warranty

REGAL M2







	•						
Item #	Model	Close Focus	FOV at 1,000 yd.	Weight	Length	Eye Relief	Price
52304	16-48x65 mm	16.4 ft.	131-68 ft.	46.8 oz.	16 in.	20 mm	\$639.95
52305	20-60x80 mm	21.3 ft.	110-52 ft.	56.7 oz.	19.25 in.	20 mm	\$899.95
52306	22-67x100 mm	26.2 ft.	100-47 ft.	85.3 oz.	21.9 in	20 mm	\$1079.95

- $\bullet \ \ ED\ glass \bullet Fully\ multi-coated \bullet \ Waterproof/Fogproof \bullet \ Nitrogen\ filled \bullet \ Dual\ focus\ knob \bullet \ Magnesium\ alloy\ body$
- 100 mm includes a balance rail and T-adapter ring Soft case included Limited Lifetime Warranty

HUMMINGBIRD MICRO SPOTTING SCOPE





 \cdot Small \cdot Versatile \cdot Powerful

Item #	Model	Close Focus	FOV at 1,000 yd.	Length	Weight	Exit Pupil	Price
52310	9-27x56 mm	9.8 ft.	216-98 ft.	8.5 in.	20.8 oz.	6.2-2 mm	\$279.95
52308	9-27x56 mm ED	9.8 ft.	216-98 ft.	8.5 in.	20.8 oz.	6.2-2 mm	\$479.95

· Waterproof •Nitrogen filled • Fully multi-coated and Phase coated • Hand-holdable at low power • Case included • Limited Lifetime Warranty

TSN 770/88A/99A





A new beginning, ascending to the top! Large objective lens in an extremely compact body. 88 mm and 77 mm scopes by Kowa.

Item #	Model	Close Focus	FOV at 1000 yd.	Eye Relief	Weight	Exit Pupil	Price	
TCN 772	25 (0-77	16.46	120 75 6	17	(0	2 1 1 2	¢2240	– Disc.
1314-773	23-00X// IIIII	10.4 11.	136-73 It.	17 111111	00 OZ.	3.1-1.3 IIIIII	φ23 43	- Disc.
TSN-88A	25-60x88 mm	16.4 ft.	138-75 ft.	17 mm	64.8 oz.	3.5-1.5 mm	\$3499	
TSN-99A	30-70x99 mm	19.7 ft.	105-60 ft.	17 mm	76.8 oz.	3.3-1.4 mm	\$3999	

With included TE-11 WZ II eyepiece • Also available in straight body

- · Waterproof/Fogproof · Magnesium alloy body
- 99A and 88A series have Pure Fluorite Crystal Lens 770 series has XD Lens
- Dual focus (quick and fine) · Limited Lifetime Warranty

- Suggested Accessories -
- TSN-EX16 1.6x Extender \$379 Boost your power by 1.6x (40x-96x)



Model	Fitted Cases	MAP
TSN-773	C-771	\$90
1011 773	0 //1	ΨΣΟ
TSN-88A	C-88A	\$259
TSN-99A	C-99A	\$259



Model	Standard Cases	MAP
TSN 773	CNW-13	\$70

Disc.

EYEPIECES





	, 1	
Item #	Model	Price
TE-11WZII	25-60x (TSN-770/88A) 30-70x (TSN-99A)	\$749
TE-80XW	35x (TSN-770/88A) 40x (TSN-99A)	\$699

Please be sure to contact us before you buy. The price shown is often not the actual price, but only a guide.

TSN-82SV SERIES





Shown with optional eyepiece

This 82 mm spotting scope is a great mid-priced scope.

Item #	Model	Close Focus	Weight (w/o eyepiece)	Length (w/o eyepiece)	Price
TSN-82SV	Angled 82 mm	19.7 ft.	52.2 oz.	15.1 oz.	\$820

Suggested Accessories —

- TSE-FL82 Multi-coated clear objective lens filter for the TSN-82SV. This is an
 inexpensive way to protect your objective lens from scratches and dust. (page 30)
- Eyepieces listed on page 30

• Smooth focusing knob • Waterproof/Fogproof • Fully multi-coated • Polycarbonate body • Limited Lifetime Warranty

Model	Fitted Cases	MAP
TSN-82SV	C-821	\$139





Model	Standard Cases	MAP
TSN-82SV	CNW-5	\$70

TSN-660 SERIES





Shown with optional eyepiece

A rugged high-performing waterproof scope with a 66 mm objective lens. This scope has 120% more light gathering power than the 60 mm Kowa.

Item #	Model	Weight (w/o eyepiece)	Length (w/o eyepiece)	Price
TSN-663M	Prominar XD lens, Angled	35.63 oz.	12 in.	\$1000

Also available in straight body

- Suggested Accessories —
- See page 30 for the Smartphone Adapter
- Eyepieces listed on page 30

• High End Prominar XD Lens • Waterproof/Fogproof • Fully multi-coated • Lightweight and compact • Limited Lifetime Warranty

Model	Fitted Cases	MAP
TSN-663M	C-661	\$90





Model	Standard Cases	MAP
TSN-663M	CNW-9	\$70

TSN-600 SERIES





Shown with optional eyepiece

A nice compact take-anywhere scope for birding, hiking, or you name it. This compact scope gives you a nice, crisp image.

Item #	Model	Weight (w/o eyepiece)	Length (w/o eyepiece)	Price
TSN-601	Angled	25 oz.	11.8 in.	\$500

Also available in straight body

- Suggested Accessories —
- See page 30 for the Smartphone Adapter Eyepieces listed on page 30 $\,$
- Fully multi-coated Waterproof/Fogproof Lightweight and compact Limited Lifetime Warranty

Model	Fitted Cases	MAP
TSN-601	C-601	\$80



EYEPIECES twist-out eyecup

These eyepieces are used on the 82SV, 660, and 600 series.





TE-14WD



Item #	Model	FOV @ 1000 yd.	Price
TE-14WD	30x WA	126 ft.	\$329
TE-9Z	20-60x zoom	100-53 ft.	\$379

at 1000 yd.

144-75 ft.

T-RINGS \$25.00 each

T-Rings are necessary to adapt a camera to TSN-PA7 and TSN-PA8:

Available in: Pentax K (Bayonet Mount)

- Canon EOS (AF) Nikon
- Micro Four Thirds

Length

10.7 in.

• Sony E-Mount

TSN-550 SERIES



Price

\$1799

Weight

28.5 oz.







TSN-553

Also	available in s	straight body	
	Model	Fitted Cases	MAP
	TSN-553	C-553	\$125

Model

Angled 15-45x55 mm

Suggested Accessories —

Eye Relief

16.5-16 mm

• See page 30 for the Smartphone Adapter

· Waterproof/Fogproof • Nitrogen filled • Dual Focus • Fluorite crystal objective lens • Ultra compact body • Limited Lifetime Warranty

Close Focus

9.8 ft.

TSN-500 SERIES





included eyepiece

Item #	Model	Close Focus	FOV at 1000 yd.	Eye Relief	Length	Weight	Price
TSN-501	Angled 20-40x50 mm				9.4 in.	39.9 oz.	\$399

Also available in straight body

- Suggested Accessories —
- See page 30 for the Smartphone Adapter

Standard	MAP	
C-500B	Black Neoprene	\$35
C-500G	Green Neoprene	\$35
C-500C	Camo Neoprene	\$35
C-500R	Red Neoprene	\$35



C-500G

•	Ultra	Compa	ct Bo	dy		
		_				

· Waterproof/Fogproof · Multi-coated Lens

· Soft case included • Limited Lifetime Warranty

ACCESSORIES

OBJECTIVE LENS FILTER

Multi-coated clear Objective Lens Filter is an inexpensive way to protect your objective lens from scratches and dust.



Item #	Price
TSE-FL66 (TSN-660)	\$40
TSE-FL86 (TSN-82SV)	\$65
TP-95FT (TSN-880)	\$249

KOWA/PHONE SKOPE SMARTPHONE ADAPTERS



Use with your iPhone and Kowa spotting scope for high quality pictures. Includes three different eyepiece rings to accommodate every current Kowa spotting scope eyepiece, as well as the Kowa Highlander and Genesis 44mm binocular models.

DIGITAL CAMERA ADAPTER



Item #	Price
TSN-PA7 (TSN-770, TSN-880)	\$199
TSN-PA8 (TSN-82 SV, TSN-600, TSN-550)	\$199

Model	Description	Price
TSN-IP12 PRO PS	for iPhone 12 PRO Adapter w/ rings	\$109
TSN-IP12 PRO MAX PS	for iPhone 12 PRO Max Adapter w/ rings	\$109
TSN-IP12 PS	for iPhone 12 Adapter w/ rings	\$109
TSN-IP11 PRO PS	for iPhone 11 PRO Adapter w/rings	\$109
TSN-IP11 PRO MAX PS	for iPhone 11 PRO Max Adapter w/ rings	\$109
TSN-IP11 PS	for iPhone 11 PRO Adapter (w/ rings	\$109
TSN-IPX PS	for iPhone X/Xs Atlanter w/ rings	\$109
TSN-IP8 PS	for iPhone 8/Adapter w/ rings	\$109
TSN-IP8+ PS	for iPhons 8/7 Plus Adapter w/ rings	\$109
TSN-IPX MAX PS	for Phone X/XS Max Adapter w/ rings	\$109
TSN-GA S10+PS	Samsung Galaxy S10+ Adapter w/ rings	\$109
TSN-CA S10 PS	Samsung Galaxy S10 Adapter w/ rings	\$109
TSN-GA S10e PS	Samsung Galaxy S10e Adapter w/ rings	\$109
TSN-GA S9 PS	Samsung Galaxy S9 Adapter w/ rings	\$109

SX-5 SANTIAM HD





Item #	Model	Close Focus	FOV at 1000 yd.	Eye Relief	Weight	Length	Price
175911	27-55x80 mm angled	11.4 ft.	105-73 ft.	16.6-19.2 mm	68.7 oz.	15 in.	\$1799.99

Also available in straight body

- Waterproof/fogproof Professional Grade Optical System Guard-ion lens coating Large grip focus
- Leupold Full Lifetime Warranty

SX-4 PRO GUIDE HD





Item #	Model	FOV at 1000 yd.	Eye Relief	Weight	Length	Price
177599	15-45x65 mm	131-68.1 ft.	20-17.6 mm	62 oz.	14.7 in.	\$799.99
177597	20-60x85 mm	91.7-50.6 ft.	19-17.8 mm	78.2 oz.	17.7 in.	\$999.99

Also available in straight body

- Waterproof/fogproof Elite Grade Optical System Guard-ion lens coating Large grip focus
- · Leupold Full Lifetime Warranty

MEOPRO HD 80





Nothing escapes your vision!

Item #	Model	Close Focus	FOV at 1000 yd.	Eye Relief	Weight (w/ eyepiece)	Length (w/ eyepiece)	Price
598880	20-60x80 mm angled	19.7 ft.	107.6-65.7 ft.	18.5 mm	68 oz.	14.3 in.	\$1799.99

Shown with included eyepiece

- HD Flouride Lens MeoBright™ and MeoShield™ coatings Nitrogen filled Waterproof/Fogproof Large grip focus
- Carry case included * Meopta Lifetime Warranty

MONARCH FIELD SCOPE





Item #	Model		FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
16101	20-60x82 mm	16.4 ft.	111-51 ft.	16.1-15.3 mm	70.5 oz.	4.1-1.4 mm	\$1599.95

Also available in straight body

- $\bullet \ \ Waterproof/Fogproof \bullet Multi-coated \ lenses \ \& \ prisms \bullet A luminum \ Alloy \ Body \bullet Large \ Grip \ Focus \bullet Soft \ Case \ Included$
- Limited Lifetime Warranty

PROSTAFF 5 FIELD SCOPE





Item #	Model		FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
6977	16-48x60mm	13.1 ft.	136 ft.	16.9mm	34.4 oz.	3.8-1.2mm	\$499.95
6975	20-60x82mm	20 ft.	109 ft.	16.9mm	41.8 oz.	4.1-1.3mm	\$599.95

Also available in straight body

 $\bullet \ \ Waterproof/Fogproof \bullet Multi-coated \ lenses \ \& \ prisms \bullet Soft \ case \ included \bullet Limited \ Lifetime \ Warranty$

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MM4 GA ED TRAVEL SCOPE



Shown with optional eyepiece

The 50 and 60 mm weigh about the same as a full sized binocular! Constructed from polycarbonate and lightweight alloy.

Item #	Model	Close Focus	Weight w/o Eyepiece	Length w/o Eyepiece	Price
41226	50 mm Angled	8.2 ft.	21.8 oz.	8.1 in.	\$529
41228	60 mm Angled	11.5 ft.	25.7 oz.	10.2 in.	\$679
41230	77 mm Angled	18 ft.	44.4 oz.	12.6 in.	\$999

Now completely waterproof and fogproof. Made in Japan. Also available in straight body.

- · Rubber Armored · Nitrogen filled · Super Compact · Fully multi-coated · Waterproof/Fogproof
- · Premier Plus Limited Lifetime Warranty
- Suggested Accessories —
- Telephoto adapter

but only a guide.

- 41163 Stay-on Case MM3/MM4 50 \$125.00
- 41167 Stay-on Case MM3/MM4 60 \$125.00
- 41234 Stay-on Case MM4 77 \$125.00



50 mm

60 mm

Length

Weight

Price

Eye Relief



HDF Eyepieces

Please be sure to contact us before you buy. The price shown is often not the actual price,

MM3 60 GA ED FIELD SCOPE

oloticron

oloticron

40862M HDF

40862M HDF

40862M HDF

22-17 mm

3 in.

7.3 oz.

\$329.00



A great price point scope with exceptional quality and value

Item #	Model	Close Focus	Weight	Length	Price
41361	13-48x60 mm Angled	11.5 ft.	33.4 oz.	12.8 in.	\$488

OPTIONAL EYEPIECES

41270 SDLv3

41270 SDLv3

20-18 mm

2.7 in.

9.2 oz.

\$495.00

or

77 mm 18-54x 41270 SDLv3

12-36x

15-45x

Also available in straight body

- Fully multi-coated Super compact Rubber armored Dual focus Water resistant
- Premier Plus Limited Lifetime Warranty

ADVENTURER II WP SPOTTING SCOPE



This is a good, low cost scope, great for a beginning birder or nature enthusiast.

	4:401				
Item #	Disposition	Close Focus	Weight	Length	Price
40165	15-45x60 mm	19.4 ft.	36.3 oz.	13 in.	\$185
40167	20-60x80 mm	18 ft.	47.6 oz.	15.7 in.	\$275

• Fully multi-coated • Nitrogen filled • Rubber armored • Waterproof • Includes a soft carry case • Standard warranty

ENDEAVOR HD SPOTTING SCOPES SVANGUARD





Shown with included eyepiece

Item #	Model		FOV at 1,000 yd.	Eye Relief	Weight	Exit Pupil	Price
65A	15-45 x 65 mm	14.8 ft.	144-68 ft.	19-20 mm	51.2 oz.	4.2-1.4 mm	\$399.99
82A	20-60 x 82 mm	19.7 ft.	110-52 ft.	19-20 mm	63.9 oz.	4.1-1.4 mm	\$499.99

Also available in straight body

• (ED) Extra-low dispersion glass • Fully multi-coated • Waterproof/Fogproof • Soft case included • No-fault Lifetime Warranty

RAZOR HD





Item #	Model	Length	Close Focus	FOV at 1,000 yd.	Eye Relief	Weight	Price
RS-65A	22-48x65 Angled	14.8 in.	26.2 ft.	138-84 ft.	16.7-17 mm	56.8 oz.	\$1299.99
RS-85A	27-60x85 Angled	15.5 in.	16.4 ft.	117-68 ft.	16.7-17 mm	65.6 oz.	\$1699.99

Also available in straight body

- · Dielegtric multi-layer prism coatings · ArmorTek coating on all exterior lenses · Argon Gas Purged and O-ring sealed
- · Waterproof/Fogproof Rubber armored Rotating Tripod mount Unconditional VIP Warranty

VIPER HD





Item #	Model	Close Focus	FOV at 1,000 yd.	Eye Relief	Length	Weight	Price
V500	Angled 15 - 45x65 mm	23 ft.	136.5 - 67.8 ft	19.6-17.8 mm	14 in.	59 oz.	\$699.99
V502	Angled 20-60x85 mm	36 ft.	101 - 50 ft.	19.6 -17.8 mm	17.5 in.	76.6 oz.	\$899.99

Also available in straight body

- · ArmorTek and Dielectric coated Argon gas purged and O-ring sealed •Waterproof/Fogproof Rubber armored Rotating tripod mount
- · Large grip focus · Unconditional VIP Warranty

DIAMONDBACK HD





Item #	Model	Close Focus	FOV at 1,000 yd.	Weight	Length	Eye Relief	Price
DS-85A	20-60x85 mm	22 ft.	105-51 ft.	47.1 oz.	14.8 in.	16.5-20 mm	\$499.99

Also available in straight body

· Dielectric coating · Argon gas purged and O-ring sealed · Waterproof/Fogproof · Rotating tripod mount · Unconditional VIP Warranty

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QUICK RELEASE MICRO FLUID HEAD





Item #	Height	Weight	Maximum Load	Price	
128RC	4.5 in.	1.75 lbs.	8.8 lb.	\$157	

For all of our Manfrotto tripods.



Item #	Height	Weight	Maximum Load	Price	
MVH400AH	3.7 in.	0.83 lbs.	8.8 lb.	\$136	

FLUID VIDEO HEAD





This head works great with the BTX modular scope system.

Item #	Height	Weight	Maximum Load	Price	
MVH500AH	4.1 in.	2.1 lb.	11 lb.	\$274	



Item #	Height	Weight	Maximum Load	Price	
MHXPRO-2W	4 in.	1.7 lbs.	8.8 lb.	\$225	

FLUID HEAD





Extremely smooth fluid head

Item #	Item # Height		Maximum Load	Price	
MVH502AH	5.1 in.	3.6 lb.	8.8 lb.	\$307	

Please be sure to contact us before you buy. The price shown is often not the actual price, but only a guide.

TRIPODS



Manfrotto has quality tripods and we highly recommend them for any spotting scope, camera or binocular use. See above for the optional fluid heads.

Item #	Fold Down Height	Max. Height	Max. height with extended center column	Weight	Max. Load	Price
MK290XTA32WUS - Aluminum	27.4 in.	57.5 in.	66.7 in.	5.6 lb.	8.8 lb.	\$302
MKBFRTA4GTBHUS - Aluminum	16.9 in.	55.1 in.	64.6 in.	4.1 lb.	22.1 lb.	\$307
MKELES5BK-BH - Aluminum	12.5 in.	50 in.	56.3 in.	2.7 lb.	8.8 lb.	\$162
MT290XTC3US - Carbon Fiber	24.7 in.	55.9 in.	65.2 in.	3.4 lb.	11 lb.	\$387
MT055XPRO3 - Aluminum	24 in.	55.1 in.	66.9 in.	5.5 lb.	19.8 lb.	\$408
MT055CXPRO3 - Carbon Fiber	24.8 in.	55.1 in.	66.9 in.	4.4 lb.	19.8 lb.	\$774











Ball head included

MKELES5BK-BH Ball head included

FREE

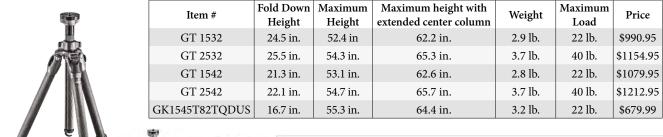
SHIPPING

over \$350.00

toll free 1.866.308.0727 phone 330.674.0210 fax 330.674.0920

GITZO MOUNTAINEER TRIPOD

GITZO





GITZO TRIPOD HEAD



Item #	Height	Weight	Max. Load	Price
GHF2W	3.7 in	1.3 lb.	8.8 lb.	\$399.95

GK1545T82TQDUS with GH1382QD head

PROFESSIONAL CARBON TRIPODS





Item #	Maximum Height	Fold Down Height	Maximum Load	Weight	Price
49278-CCT	63.8 in.	20.5 in.	39.7 lb.	52.9 oz.	\$949
49277-PCT	68.9 in.	22 in.	46.3 lb.	63.5 oz.	\$999

- Lightweight and rugged Quick, quiet twist locks for easy handling Four leg section
- The CCT can go as a carry-on

TRIPOD HEADS



Item #	Height	Weight	Price
49078-CTH	3.5 in.	20 oz.	\$529
49077-PTH	9.5 in.	45.9 oz.	\$699

• Fluid heads • Counter balance system • Arca Swiss quick release system

GITZO MONOPOD



GITZO

GM4562 | 6 Sections Series 4 Carbon Fiber Monopod

Item #	Maximum Height	Maximum Load	Weight	Price
GM4562	60.6 in.	66 lb.	1.5 lb.	\$439.99

Please be sure to contact us before you buy. The price shown is often not the actual price, but only a guide.



MPMXPRO MONOPODS



Item #	Maximum Height	Fold Down Height	Maximum Load	Weight	Price
MPMXPROA4US - Aluminum	70.9 in.	22 in.	17.6 lb.	1.6 lb.	\$152
MPMXPROC4US - Carbon Fiber	64.8 in.	20.5 in.	15.4 lb.	1.3 lb.	\$274

MPMXPROA4US Aluminum

FLUIDTECH BASE



Manfrotto

Use on any Manfrotto MPMXPRO Monopods. Provides self standing support when nothing is mounted to the monopod.

Item #	Height	Weight	Price
MVMXPROBASEUS	4.1 in.	0.9 lb.	\$132

ACCESSORIES

CAR WINDOW MOUNTS

Easy to use! Use your vehicle as a portable blind for convenient viewing through any spotting scope!





Item #	Price
VT-CWM	\$49.99





Item #	Price
CWM2	\$79.99



Item #	Price
40502	\$89.00

WINDOW POD





Item #	Weight	Price
243	6 oz.	\$54.99

Heavy duty window pod can be used with 128RC head.

TRI-SLING

Fast - Easy - Comfortable



A very nice tripod carrying strap \$39.95



LENS PEN PRO KIT



Includes:

- 2 Lens Pens, 1-Standard & 1-Micro for Compacts
- Microfiber Cleaning Cloth (8½"x10")
- Dry Anti-Fog Cloth
- Handy Zippered Carry Case with Belt Loop

8228 \$28.95

LENS PEN





The Lens Pen is safe and easy to use. One side of the Lens Pen features a retractable soft brush, to brush all particles off lens. The other end has a soft cleaning tip with a cleaning compound that removes fingerprints and dried waterspots. Notice: Make sure that you remove all dirt particles with soft brush before you go on with the cleaning compound soft tip or you will get scratches on your lens.

7072 \$11.95

MICRO-FIBER LENS CLOTH



5"x6" Micro-Fiber lens cloth — an inexpensive way to keep your lens clean. Clean your eyeglasses, cameras, CDs, binoculars, scopes and eyepieces with this easy to use cloth.

M-F \$2.50



Microfiber Cleaning Cloth w/Snap - Hook it anywhere.

8072 \$5.95

FOG KLEAR





Dry anti fog cloth - 61/2" x 61/2" 16141 \$7.95

SPUDZ



Ultimate Microfiber Lens Cleaning Cloth Hook it anywhere.

SP-116TO \$5.95

RUBBER BLOWER



This is a good inexpensive, useful tool when cleaning optics. Use to blow dirt particles off your eyepieces and binocular lens.

15800 \$7.95

OPTICS CLEANING KIT



- Soft case with belt loop

60400 \$68.95

LENS **CLEANING KIT**



Includes:

- 2 oz. lens spray
- Micro-fiber cloth

2127-990 \$4.99

LENS CLEANING KIT



Includes:

- 1 oz. lens spray
- 10 pre-moistened wipes
- Cleaning brush
- Air blaster
- Microfiber cloth
- Case

2390186 \$29.99

LENS WIPES





60 count pre-moistened lens cloths

2127721 \$4.99

ORANGE FLOATING NECK STRAP



Fits all full-sized roof prism Swarovski binoculars and many others. Prevents binoculars from sinking if they fall into water.

Price

\$94.95



WIDE BINOCULAR NECK STRAP



Made of comfortable neoprene. Adjustable and easy to attach with quick release snaps.

Item #	Price
1261-1	\$21.99

RAINGUARD



Fits most 42 mm binoculars. Keep your binoculars covered with this rainguard to keep them clean and dry.

Item #	Price
Rainguard	\$12

BINO-SUSPENDERS



Eliminates neck strain. Time & Optics Bino-Suspenders

Item #	Price
BS-125TO	\$20.95

QUICK RELEASE PLATES

for all 128 RC + MHX PRO-2W heads





If you are using more than one item on your tripod like a camera and a scope, get a quick release for each item so you don't always have to take the quick release off. Head not included.

Item #	Price
200PL-14	\$29.99

NOVAGRADE SMARTPHONE ADAPTOR



Take pictures or videos with your spotting scope, binoculars, telescope, or microscope. Fits any phone/case combo. Double gripper holds phone securely.

Item #	Price
1250-3	\$169.00

UNIVERSAL TRIPOD ADAPTER



Fits all Swarovski EL SWAROVSKI Binoculars, and many others. Designed for the Arca-swiss style connection.

Item #	Price
49185UTAs	\$145

BINOCULAR TRIPOD ADAPTER



Very well suited for all SLC Swarovski and many other styles. Designed for the Arca-swiss style connection.

Item #	Price
49190	\$180

BINOCULAR TRIPOD ADAPTER



VANGUARD

Heavy duty.

Item #	Price
BA-185	\$19.99

VORTEX BINOCULAR TRIPOD ADAPTER



Great to mount a Vortex binocular to any tripod. Also mounts on most other binoculars.

Item #	Price
TRA-BINDAP2	\$19.99



BINOCULAR TRIPOD ADAPTER





Item #	Price
528388	\$129.99

PRO BINOCULAR TRIPOD ADAPTER





Item #	Price
TRA-BINDAP	\$69.99

BINOCULAR CASES



Case 42 This case fits most 42 mm binoculars. Case 50

This case fits most 50 mm binoculars.



Item #	Price
Case 42	\$18.99
Case 50	\$18.99

BINO BAG



The most versatile binocular bag ever. Wear over your shoulders, around your waist, or on your chest. Designed for roof prism binoculars up to a length of 7 inches and up to 56 mm obj. lens.

Item #	Price
74-3	\$79.99

Also available in tan

BUDDY DOCK



Turn any cup holder into an organizer and keep all of your personal items secure. Works in all vehicles.

Item #	Price
74-2	\$59.95

BINO DOCK



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#44341

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#44347

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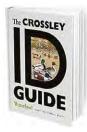
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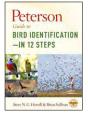


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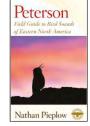
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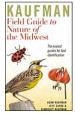
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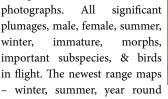
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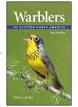
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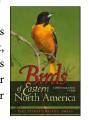


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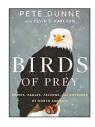
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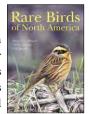
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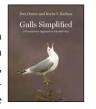
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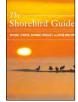
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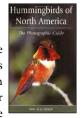
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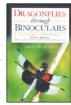
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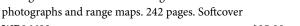
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250 North American Birds in Song By Les Beletsky, Featuring audio from The Cornell Lab of Ornithology

Bird Songs captures the enchantment of these

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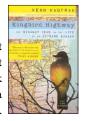


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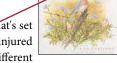
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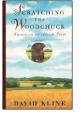
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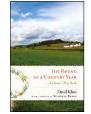
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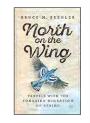
compare first arrivals year to year, keep track of your lifelist and other checklists. Birding journal includes tidbits of birdingrelated topics, national hotspots and more. 148 pages. Flexcover.

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Travels with the Songbirds of Spring by Bruce M. Beehler

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by David Allen Sibley

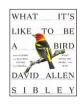
A nice birder's field diary with space for notes, date, location and more. Checklist and lifelist included in this spiral bound book. A nice gift item. 304 pages.

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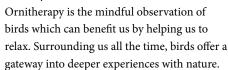


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by Andrew Fazekas

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OPTRONIC SKYLINE™ DOBSONIAN TELESCOPE





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NOTE:

Since the 2020 telescope demand, we have very limited stock, and many are currently unavailable. Please call to check availability.

	SkyLine Dobsonian 8"	SkyLine Dobsonian 10"	SkyLine Dobsonian 12"
Primary Mirror Focal Length	1200 mm	1250 mm	1500 mm
Primary Mirror diameter	200 mm	250 mm	300 mm
Focal Ratio	f/6.0	f/5.0	f/5.0
Minor axis of secondary mirror	47 mm	62.5 mm	70 mm
Optics	Parabolic, diffraction limited	Parabolic, diffraction limited	Parabolic, diffraction limited
Mirror coatings	Enhanced aluminum (94%-96% reflectivity), with SiO ₂ overcoat	Enhanced aluminum (94%-96% reflectivity), with SiO ₂ overcoat	Enhanced aluminum (94%-96% reflectivity), with SiO ₂ overcoat
Focuser	2" Crayford, dual speed (10:1) accepts 2" eyepieces and 1.25" eyepieces with included adapter	2" Crayford, dual speed (10:1) accepts 2" eyepieces and 1.25" eyepieces with included adapter	2" Crayford, dual speed (10:1) accepts 2" eyepieces and 1.25" eyepieces with included adapter
Optical tube material	Rolled Steel	Rolled Steel	Rolled Steel
Eyepieces	9 mm Sirius Plössl, 1.25" barrel dia., 30mm Erfle, 2" barrel dia.	9 mm Sirius Plössl, 1.25" barrel dia., 30mm Erfle, 2" barrel dia.	9 mm Sirius Plössl, 1.25" barrel dia., 30mm Erfle, 2" barrel dia.
Magnification with supplied eyepieces	133x (9 mm Plössl), 40x (30 mm Erfle)	139x (9 mm Plössl), 42x (30 mm Erfle)	167x (9 mm Plössl), 50x (30 mm Erfle)
Finder scope	8x50 right-angle correct image (RACI)	8x50 right-angle correct image (RACI)	8x50 right-angle correct image (RACI)
Optical tube weight	23.75 lb.	34 lb.	47.3 lb.
Base weight	25.4 lb.	29.1 lb.	35.9 lb.
Tube length	46"	48"	57"
Tube outer diameter	92"	12"	57"
Cooling fan	Pre-installed at factory	Pre-installed at factory	Pre-installed at factory
Price	\$849.99	\$949.99	\$1,499.99

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ORION DOBSONIAN SKYQUEST™ XT CLASSIC





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	SkyQuest XT6 Classic	SkyQuest XT8 Classic	SkyQuest XT10 Classic
Primary Mirror Focal Length	1200 mm	1200 mm	1200 mm
Primary Mirror diameter	150 mm	203 mm	254 mm
Focal Ratio	f/8.0	f/5.9	f/4.7
Minor axis of secondary mirror	34.5 mm	47 mm	63 mm
Focuser	Rack and pinion, accepts 1.25" eyepieces	2" Crayford, accepts 2" eyepieces and 1.25" eyepieces with adapter	2" Crayford, accepts 2" eyepieces and 1.25" eyepieces with adapter, collimatible
Mirror coatings	Enhanced aluminum (94% reflectivity), with SiO ₂ overcoat	Enhanced aluminum (94% reflectivity), with SiO ₂ overcoat	Enhanced aluminum (94% reflectivity), with SiO ₂ overcoat
Optical tube material	Rolled Steel	Rolled Steel	Rolled Steel
Eyepieces	25 mm Sirius Plössl, fully coated with multi-coatings, 1.25" barrel dia.	25 mm Sirius Plössl, fully coated with multi-coatings, 1.25" barrel dia.	25 mm Sirius Plössl, fully coated with multi-coatings, 1.25" barrel dia.
Magnification with supplied eyepieces	48x	48x	48x
Reflex Sight	EZ finder II	EZ finder II	EZ finder II
Optical tube weight	13.5 lb.	20.3 lb.	30.8 lb.
Base weight	20.9 lb.	21.3 lb.	22.6 lb.
Tube length	45.5"	46.5"	47.25"
Tube outer diameter	7.25"	9.25"	12.0"
Price	\$599.99	\$699.99	\$899.99

ORION DOBSONIAN SKYQUEST™ XT PLUS





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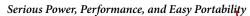
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	SkyQuest XT6 Plus	SkyQuest XT8 Plus	SkyQuest XT10 Plus
Primary Mirror Focal Length	1200 mm	1200 mm	1200 mm
Primary Mirror diameter	150 mm	203 mm	254 mm
Focal Ratio	f/8.0	f/5.9	f/4.7
Minor axis of secondary mirror	34 mm	47 mm	63 mm
Optics	Parabolic, diffraction limited	Parabolic, diffraction limited	Parabolic, diffraction limited
Focuser	2" Crayford, dual speed (11:1) accepts 2" eyepieces and 1.25" eyepieces with included adapter	2" Crayford, dual speed (11:1) accepts 2" eyepieces and 1.25" eyepieces with included adapter	2" Crayford, dual speed (11:1) accepts 2" eyepieces and 1.25" eyepieces with included adapter
Mirror coatings	1.25 eyepieces with included adapter Enhanced automium (94% reflectivity), with 8iO ₂ overcoat Rolled Stoci	Enhanced aluminum (94% reflectivity), with SiO ₂ overcoat	Enhanced aluminum (94% reflectivity), with SiO ₂ overcoat
Optical tube material	Rolled Steel	Rolled Steel	Rolled Steel
Eyepieces	10 mm Sirius Plössl, 1.25" barrel dia., 25mm Sirius Plössl, 1.25" barrel dia.	10mm Sirius Plössl, 1.25" barrel dia. 28mm DeepView, 2" barrel dia.	10mm Sirius Plössl, 1.25" bar- rel dia. 28mm DeepView, 2" barrel dia.
Magnification with supplied eyepieces	120x (10mm Sirius), 48x (25mm Sirius)	120x (10mm Sirius), 43x (28mm Deep View)	120x (10mm Sirius), 43x (28mm Deep View)
Reflex Sight	EZ finder II	EZ finder II	EZ finder II
Optical tube weight	11.5 lb.	20.3 lb.	30 lb.
Base weight	21.9 lb.	21.3 lb.	23 lb.
Tube length	46"	46.5"	47.5"
Tube outer diameter	7.28"	9.25"	12.25"
Cooling fan	Optional: Ready to mount	Optional: Ready to mount	Optional: Ready to mount
Price	\$618.99	\$929.99	\$1,428.99

STARMAX™127MM EQ COMPACT "MAK"





Item #	Primary Mirror Focal Length	Primary 11 Mirro Hinneter	Focal Ratio	Eyepieces	Weight including mount	Tube Length	Price
9826	1540 mm	1500 127 mm	f/12.1	25 mm (62x) Sirius Plössl	37 lb.	14.5"	\$999

Also includes 6x26 correct image finder scope, 90° star diagonal, and deluxe case. Call for quote on shipping

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Item #	Primary Mirror Focal Length	Rack and Pinion Focuser	Focal Ratio	Eyepieces	Price
21190	600 mm	1.25"	f/5.9	25 mm (24x) 10 mm (60x)	\$399.95

Kit includes full length stainless steel tripod and two way pan head, carry case, an Orion Shorty 2x Barlow Lens, Orion Red Beam Mini LED flashlight, Orion Star Target Planisphere, Moon Map and the 174-page Telescope Observer's Guide

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NEXSTAR SE 8" TELESCOPE





Item #	Primary Mirror Focal Length	Primary Mirror Diameter	Focal Ratio	Eyepieces	Magnification w/ supplied eyepieces	Weight including mount	Price
11069	2032 mm	254 mm	f/10	1.25" 25 mm	81x	33 lb.	\$1859

Key Features: • SkyAlign technology • Computerized alt-azimuth mount with quick release fork-arm mount • 40,000 object database • flash-upgradeable NexStar+ hand control • StarPointer finderscope •1.25" finderscope and 1.25" 25mm eyepiece • Sturdy pre-assembled steel tripod with accessory tray • Astronomy software with 10.000 object database adm printable sky maps.

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CPC 8" TELESCOPE





Item #	Primary Mirror Focal Length	Primary Mirror Diameter	Focal Ratio	Eyepieces	Magnification w/ supplied eyepieces	Weight including mount	Price
11073- XL T	2032 mm	203 mm (8")	f/10	1.25" 40 mm Plössl	51x	69 lb.	\$2950

Key Features: • StarBright XLT optical coatings • Computerized dual fork-arm with precision drive base and mechanics, quick release clutch, large drive gears, ultra-wide bearing track drive base, auxililary ports • 40,000 object database • flash-upgradeable NexStar+ hand control • SkyAlign, All-StarPolar Alignment and internal GPS technology • 8x50 finderscope, 1.25" star diagonal and 1.25" 40mm eyepiece • Heavy duty steel tripod with accessory tray, spring-loaded mounting screws and recessed mounting platform

Model #10173 also available

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CPC DELUXE EDGEHD 11" TELESCOPE





Item #	Primary Mirror Focal Length	Primary Mirror Diameter	Focal Ratio	Eyepieces	Magnification w/ supplied eyepieces	Weight including mount	Price
11009	2800 mm	279 mm	f/10	2" 23 mm Luminos	122x	93 lb.	\$5099

Key Features: • StarBright XLT optical coatings • Computerized dual fork-arm with redesigned worm-gear drive base and mechanics, ultra-wide bearing track drive base, auxililary ports • 40,000 object database • flash-upgradeable NexStar+ hand control • SkyAlign, All-StarPolar Alignment and internal GPS technology plus Fastar compatability • Primary mirror support clutches and cooling vents • 50mm finderscope, 2" star diagonal and 2 23mm Luminos eyepiece • Heavy duty steel tripod with accessory tray, spring-loaded mounting screws and recessed mounting platform

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Please be sure to contact us before you buy. The price shown is often not the actual price, but only a guide.

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Hang above your hummingbird or oriole feeder and fill with water. No more ants in your feeder! Feeders w/ out ants attract more birds!

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14" double-ended brush, great for humminbird & tube feeders. Nylon bristles & curved end for easy cleaning.

WB305-300 \$6.95



FEEDER FRESH

Use in bottom of feeders to keep feed dry, so there is no mold. Safe for birds. 9 oz. bag.

WB305-131 \$11.25



WHAT BIRD AM I? GAME

A board game for birders to test their species identification skills! With three levels, this game is perfect for novice & casual birders as well as the serious birder. Has 300 photos of North American birds.

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BIRD TRAILS GAME

This board game is fun and educational. It features 140 North American birds. With two variations to play, it is perfect for a beginner, as well as testing birding skills of those with more experience.

WB86-1 \$26.95



MEMORY GAME

100 pc. Memory Card Game

This beautiful collection of photos provides an enjoyable and educational experience that will benefit all ages.

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BINGO GAME

This beautiful game is a fun way to learn about Birds and Butterflies of North America. Includes 6 picture boards, 42 informative cards and chips.

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31 attractive eastern backyard bird clings.

WB285-6

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Comes in a 20 oz. squeeze bottle, making feeder filling easy. This human-grade jelly is so good, you might want to have breakfast with the birds! Unique grape/blackberry mix. **WB305-1** \$5.50



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Bright orange attracts orioles. Holds four orange halves & one large jelly dish. Made in the USA with recycled material (poly wood).

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This durable orange polywood feeder holds 2 orange halves and one large jelly dish (included). Made locally.

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ULTIMATE ORIOLE FEEDER

Feed nectar, oranges and jelly all at once. Built-in ant mode keeps ants out of the oriole's treats.

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30 oz. Three bee repellant nectar stations. Large mouth, snap apart base for easy cleaning.

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Screw in a standard jar of peanut butter and watch the birds enjoy it. Hanging poly wood feeder.

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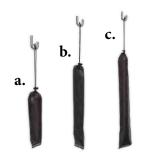
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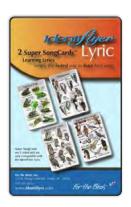
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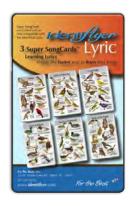
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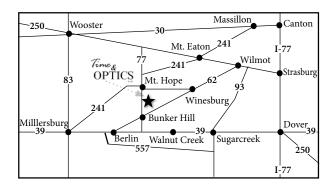
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