



Binocular Catalog 2004/2005



MEADE INSTRUMENTS

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Meade Instruments is a leader in the engineering, design and manufacturing of some of the world's most sophisticated optical products. Product innovation is the hallmark of the Meade brand. Since the company's inception in 1972, Meade has consistently brought innovative new products to the consumer marketplace which have been lauded as the finest, most technologically advanced products in their industry. Discriminating consumers know that "Meade Optics Inside" means that what they see through a Meade will be views that are detailed, crisp and full of contrast.

Meade is one of the last U.S. owned optics manufacturers to still design, engineer and manufacture its main-line products here in the United States. Meade operates their

world-renowned, state-of-the-art manufacturing facility in Irvine, California. Parts and assemblies are precision-machined, and premium quality optical glass is ground, figured and polished to exact tolerances. Meade then applies its proprietary optical coatings to the lenses to maximize light transmission. The design and manufacturing operations at Meade adhere to rigorous quality control requirements applied by dedicated employees at every phase of development and production. Our emphasis on innovation and unparalleled manufacturing standards is the driving force behind Meade's leadership position in the optics industry. We take great pride in our products and hope you will enjoy using your Meade for years to come.

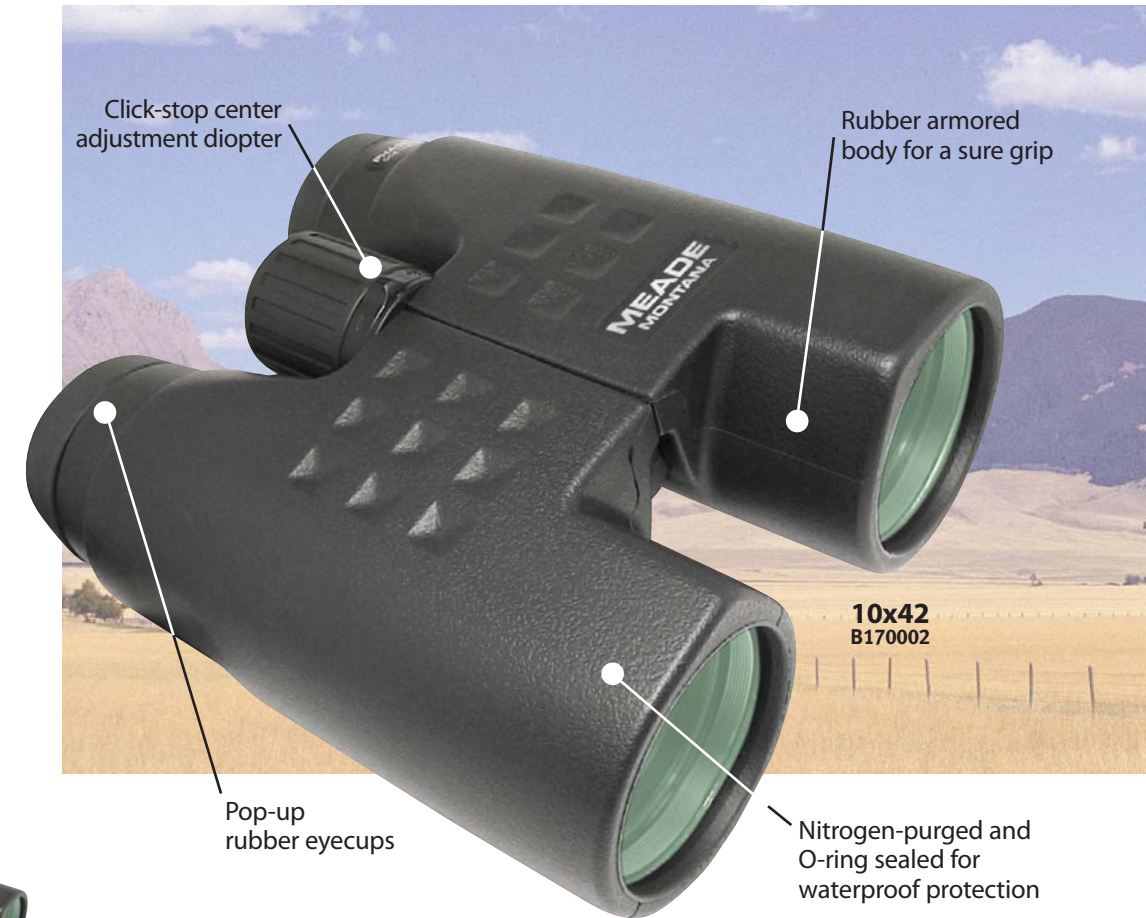
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MONTANA™

Professional binoculars

These rugged binoculars are loaded with the same features and performance as European binoculars costing much more. Montana's fully multi-coated lenses provide a bright, crisp, contrast-rich image. In fact, light transmission is so superior through a Montana binocular that it gives you on average an extra half hour of visibility at dawn and dusk compared to standard binoculars. Montanas feature Meade's legendary optics and are nitrogen purged for fogproof viewing and are O-ring sealed for waterproof protection.



	7x42 P/N B170001	10x42 P/N B170002
Magnification	7x	10x
Objective lens diameter	42mm	42mm
Prism system	Phase & silver coated BaK-4 roof prism	Phase & silver coated BaK-4 roof prism
Lens coating	Fully multi-coated	Fully multi-coated
Field of view	420 ft. @ 1000 yds.	341 ft. @ 1000 yds.
Close Focus	10 ft.	10 ft.
Exit pupil	6mm	4.2mm
Eye relief	20mm	17mm
Weight	31 oz	31 oz

State-of-the-Art Engineering



KESTREL™

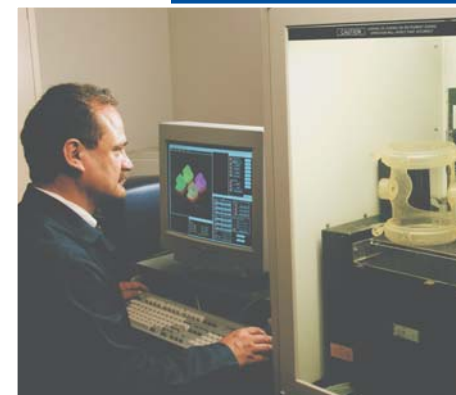
Premium field binoculars

Kestrel is a new line of high-quality, high-precision field binoculars designed for the serious observer. They feature Meade's legendary optics. Kestrel also features high-grade optical glass and fully multi-coated, broadband optics which are guaranteed to provide a sharp, crisp, detail-rich image. Close focus up to 4 feet make them perfect for serious birders and nature observers. They are also fogproof, waterproof and rugged.



Magnification	8x	10x
Objective lens diameter	42mm	42mm
Prism system	BaK-4 roof prism	BaK-4 roof prism
Lens coating	Fully multi-broadband coated	Fully multi-broadband coated
Field of view	390 ft. @ 1000 yds.	341 ft. @ 1000 yds.
Close Focus	3.94 ft.	3.94 ft.
Exit pupil	5.25mm	4.2mm
Eye relief	18mm	15mm
Weight	23.4 oz	23.4 oz

Cutting Edge Design



EASYVIEW™

Electronic-focusing binoculars

Meade's new EasyView binoculars are durable, compact and feature electronic focusing buttons that allow you to quickly and easily obtain an exact focus. Whether you are viewing sporting events or just observing nature, you'll appreciate EasyView's solid, lightweight metal tube construction and ultra-clear precision ground, multi-coated lenses. EasyView binoculars deliver crisp, clear, detail-rich images. This high quality binocular comes complete with a carrying case and neck strap—so you can take it anywhere life takes you.



Magnification	8x	10x	16x
Objective lens diameter	24mm	32mm	32mm
Prism system	Roof prism	Roof prism	Roof prism
Lens coating	Multi-coated	Multi-coated	Multi-coated
Field of view	320 ft. @ 1000 yds.	237 ft. @ 1000 yds.	198 ft. @ 1000 yds.
Exit pupil	3mm	3.2mm	2mm
Eye relief	15mm	18mm	13.5mm
Weight	10.7 oz	11 oz	11 oz

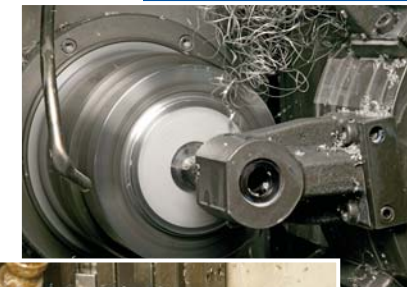
Wilderness®

Premium waterproof binoculars

The Wilderness Series of premium waterproof binoculars feature Meade's legendary optical technology and design. Created for use in all weather conditions and for all terrain, Wilderness waterproof binoculars are nitrogen purged to ensure they are fogproof. They offer high quality construction, BaK-4 prisms for a bright, fully illuminated field, and multi-layer high transmission optical coatings for optimal light throughput. They also feature rugged rubber armoring for abrasion resistance and a sure grip. They're everything you could want in a binocular!



Precision Machining



8x25 P/N B130001 **10x25** P/N B130002 **12x25** P/N B130003 **8x42** P/N B130004 **10x42** P/N B130005 **12x50** P/N B130006

Magnification	8x	10x	12x	8x	10x	12x
Objective lens diameter	25mm	25mm	25mm	42mm	42mm	50mm
Prism system	BaK-4 roof prism	BaK-4 roof prism	BaK-4 roof prism	BaK-4 roof prism	BaK-4 roof prism	BaK4 roof prism
Lens coating	Multi-coated	Multi-coated	Multi-coated	Multi-coated	Multi-coated	Multi-coated
Field of view	6.3°/330 ft. @ 1000 yds.	5.5°/288 ft. @ 1000 yds.	4.8°/252 ft. @ 1000 yds.	5.6°/293 ft. @ 1000 yds.	5.9°/309 ft. @ 1000 yds.	5.2°/273 ft. @ 1000 yds.
Exit pupil	3.1mm	2.5mm	2.1mm	5.25mm	4.2mm	4.16mm
Eye relief	16mm	16mm	14mm	24mm	16mm	18mm
Weight	14.2 oz	14.2 oz	14.2 oz	24 oz	24 oz	30.6 oz

TRAVEL

High-performance binoculars

The Travel Series of binoculars is designed for those who love to travel, watch sporting events, observe nature or just enjoy the outdoors. Travel binoculars feature Meade's legendary optical technology and design, including solid, high-quality construction. All TravelView binoculars feature multi-coated lenses for clear, bright viewing, rubber coating for durability, and come in a full range of configurations, from super compact to wide-view porro. They are light and portable, and include a carrying case and neckstrap.



Rigorous
Quality Control



Multi-coated lenses optimize light transmission for brightness, clarity, contrast and color fidelity



	8x22 P/N B120203	10x25 P/N B120205	8x32 P/N B120204	10x32 P/N B120206	16x32 P/N B120207	8x42 P/N B120208	10x50 P/N B120209	7x18 P/N B120201	10x21 P/N B120202
Magnification	8x	10x	8x	10x	16x	8x	10x	7x	10x
Objective lens diameter	22mm	25mm	32mm	32mm	32mm	42mm	50mm	18mm	21mm
Prism system	Roof prism	Roof prism	Roof prism	Roof prism	Roof prism	Porro prism	Porro prism	Roof prism	Porro prism
Lens coating	Multi-coated	Multi-coated	Multi-coated	Multi-coated	Multi-coated	Multi-coated	Multi-coated	Multi-coated	Multi-coated
Field of view	395 ft. @ 1000 yds.	288 ft. @ 1000 yds.	311 ft. @ 1000 yds.	290 ft. @ 1000 yds.	188 ft. @ 1000 yds.	420 ft. @ 1000 yds.	311 ft. @ 1000 yds.	288 ft. @ 1000 yds.	342 ft. @ 1000 yds.
Exit pupil	2.75mm	2.5mm	4mm	3.2mm	2mm	5.2mm	5mm	2.6mm	2.1mm
Eye relief	5.5mm	5.5mm	5.5mm	5.5mm	5.5mm	12mm	12.7mm	10mm	8mm
Weight	7.2 oz	8.4 oz	11.8 oz	11.8 oz	11.8 oz	22.6 oz	24.8 oz	1.9 oz	2.54 oz

TRAVELVIEW™

High-quality multi-use binoculars

The TravelView Series of binoculars is designed for those who love to travel, observe nature, view sporting events, or just enjoy the outdoors. TravelView binoculars feature Meade's legendary optical technology and design. All TravelView binoculars feature fully coated lenses for clear, bright viewing, rubber coating for durability, and come in a full range of magnifications and sizes. Carrying case and neckstrap included.



Premium Quality Optics



7x35 P/N B120101
 7x50 P/N B120102
 10x50 P/N B120103
 12x50 P/N B120104
 16x50 P/N B120105
 8-17x25 P/N B120108
 7-21x40 P/N B120106
 8-24x50 P/N B120107

	7x35 P/N B120101	7x50 P/N B120102	10x50 P/N B120103	12x50 P/N B120104	16x50 P/N B120105	8-17x25 P/N B120108	7-21x40 P/N B120106	8-24x50 P/N B120107
Magnification	7x	7x	10x	12x	16x	8-17x Zoom	7-21x Zoom	8-24x Zoom
Objective lens diameter	35mm	50mm	50mm	50mm	50mm	25mm	40mm	50mm
Prism system	Porro	Porro	Porro	Porro	Porro	Reverse Porro	Porro	Porro
Lens coating	Fully coated	Fully coated	Fully coated	Fully coated	Fully coated	Fully coated	Fully coated	Fully coated
Field of view	7.2°/376 ft. @ 1000 yds.	6.8°/356 ft. @ 1000 yds.	7°/367 ft. @ 1000 yds.	4.3°/225 ft. @ 1000 yds.	4.2°/220 ft. @ 1000 yds.	7°/234 ft. @ 1000 yds.	5.3°/278 ft. @ 1000 yds.*	4.5°/234 ft. @ 1000 yds.**
Exit pupil	5mm	7mm	5mm	4.2mm	3.1mm	3.1mm**	5.7mm*	6.2mm**
Eye relief	11mm	7mm	12.7mm	12mm	8mm	10mm	14mm	14mm
Weight	19.8 oz	30.8 oz	30.0 oz	27.5 oz	27.5 oz	25 oz	22.9 oz	28.2 oz

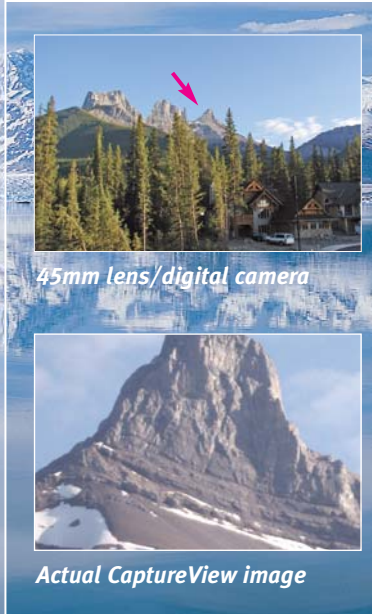
Fully coated lenses maximize light transmission for brightness, clarity, contrast and color fidelity



CAPTUREVIEW®

Binoculars that take pictures

What a great idea. Say goodbye to the phrase, "You should have been there." Whether it's a mountain goat leaping a gorge, a record-breaking home run, or a rafting trip through the rapids of the Colorado River, now you can view the action up close and capture it as digital images or video clips. Use the exclusive Flashback™ feature to save the last 5, 10, 15 or 20 seconds of any recording, then view an instant replay of what you recorded. Pick up a CaptureView for the boater, bird watcher, sports fan or outdoor enthusiast in your life. Meade features a full line of CaptureView models for almost every consumer use. This year Meade introduces its new waterproof model—the first and only waterproof digital camera binocular.



Binocular	8x22 VGA/CV-1 P/N CVB1003-1	8x30 1.3MP/CV-2 P/N CVB1004-1	8x30 2MP/CV-4 P/N CVB1009	8x42 2MP/CV-5 P/N CVB1005-1
Magnification	8x	8x	8x	8x
Objective lens diameter	22mm	30mm	30mm	42mm
Prism system	Folding roof prism	Folding roof prism	Folding roof prism	Folding roof prism
Lens coating	Fully coated	Fully coated	Fully coated	Fully coated
Waterproof	No	No	Yes	No
Close Focus (binocular)	16 ft.	16 ft.	16 ft.	16 ft.
Field of view	382 ft. @ 1000 yds.	367 ft. @ 1000 yds.	367 ft. @ 1000 yds.	376 ft. @ 1000 yds.
Weight	12.8 oz	17.2 oz	19.4 oz	24.9 oz



Camera	8x22 VGA/CV-1 P/N CVB1003-1	8x30 1.3MP/CV-2 P/N CVB1004-1	8x30 2MP/CV-4 P/N CVB1009	8x42 2MP/CV-5 P/N CVB1005-1
Resolution (MP)	640x480 (VGA); 320x240	1280x1024 (1.3MP); 640x480 (VGA)	1600x1200 (2.0MP); 1280x1024 (1.3MP); 640x480 (VGA)	1600x1200 (2.0MP); 1280x1024 (1.3MP); 640x480 (VGA)
Memory	16MB SDRAM	16MB SDRAM	16MB Flash/ 16MB SDRAM	16MB Flash/ 16MB SDRAM
Image Capacity	400 (VGA), 1600 (320x240)	12 (1.3MP), 40 (640x480)	40 (2MP), 70 (1280x1024)	40 (2MP), 70 (1280x1024)
Video	200 sec. @ QVGA	30 sec. @ QVGA	90 sec. @ QVGA	90 sec. @ QVGA
Flashback™	No	Yes	Yes	Yes
Focus (camera lens)	Fixed, 49 ft.-∞	Variable, 30 ft.-∞	Variable, 30 ft.-∞	Fixed, 66 ft.-∞
Display	Icon-based LCD	Icon-based LCD	1.5" color LCD	1.5" color LCD

*CV-4 8x30 CaptureView is waterproof

The World's First Digital Camera Binocular

Imitation is the sincerest form of flattery. And given the many attempts to copy the original Meade CaptureView® digital camera binocular, we are flattered indeed. What will the world be copying next? You're looking at it now. A whole new family of CaptureView binoculars with improved design, higher resolution, more memory, greater light sensitivity and even a video replay feature.

ETX®

Astronomical-quality spotting scopes



The ETX is one of the finest spotting scopes ever developed. Astronomical-quality optics provide incredible detail with absolutely no color aberration, unlike even the most expensive European refracting models. The light-gathering ability of the big 90mm and huge 125mm objective lenses produce exceptionally crisp images, even in low light conditions. ETX spotters are camera adaptable with optional T-mount to reveal distant photographic detail far beyond the capabilities of standard focal length lenses, and without the physical inconvenience of typical long lenses. Includes three Super Plössl eyepieces. Ultra-High Transmission Coatings (UHTC®) optional at time of purchase.

	ETX-90 P/N 3514-00-01SP UHTC® Coatings: P/N 3514-00-02SP	ETX-125 P/N 0515-00-01SP P/N 0515-00-02SP
Magnification	26mm/48x; 15mm/83x; 9.7mm/129x	26mm/73x; 15mm/127x; 9.7mm/196x
Objective lens diameter	90mm	125mm
Field of view	61 ft. @ 1000 yds.*	40 ft. @ 1000 yds.*
Weight	2.64 lbs.	7.8 lbs.
Overall height x width	12 x 5.75 inches	15.375 x 7.25 inches
Finish	Blue/black	Blue/black
Prism	45° erecting prism	45° erecting prism

*with 26mm eyepiece

Astro

Astronomy binoculars

Whether the object you're observing is light years away or perched in a tall tree, Meade's 9x63 roof prism Astro binocular provides high performance, sharp resolution and a bright image. Giant 63mm achromatic objective lenses provide powerful light gathering ability. Long eye relief provides hours of comfortable viewing without eyestrain.

	9x63 P/N B120031
Magnification	9x
Objective lens diameter	63mm
Prism system	Roof prism
Lens coating	Multi-coated
Field of view	305 ft. @ 1000 yds.
Exit pupil	7mm
Eye relief	21.5mm
Weight	44.1 oz



With NightView



Without NightView

NIGHTVIEW™

Digital night-vision monocular

The Meade NightView™ monocular is a new digital compact night scope that will change the way you view the world after dark. NightView is built on state-of-the-art digital imaging technology which yields a crisp, detail-rich, full field-of-view image in all low-light conditions. It's what you expect night vision to be! It's fun and easy-to-use. It includes a video-out port that can be quickly connected to a video monitor or camcorder for surveillance purposes. It's perfect for boaters, nature hobbyists, campers, hikers, astronomers, and night vision enthusiasts. Buy it today, and open your eyes to a whole new world after dark.

Includes:



Total image pixels	525 horizontal x 420 vertical
Sensitivity	0.03 lux with 12mm f1.2 lens
Shutter	Automatic electronic 1/60 to 1/120,000 second
Video output	NTSC composite (monochrome)
Electronic zoom	1.5X or 3X image magnification with 12mm f1.2 lens
CCD sensor	High sensitivity Sony® imager
Display technology	Ferroelectric liquid crystal
Resolution	400 pixels horizontal x 225 pixels vertical
Focus	Adjustable

Display brightness	Adjustable in 100 steps from dim to very bright
Eyepiece filters	User selectable red, green and neutral density
Illumination system	High-power infrared
Illumination power	Adjustable from 0 to 100% in 100 steps
Memory	Display brightness and illumination power settings are stored
Battery type	6 x AA user supplied
AC adapter	12V AC adapter included
Battery life	2.5 hours continuous use @ 100% illumination
Weight	9.3 oz