

A man in camouflage gear, including a brown beanie and a jacket with a yellow Under Armour logo, is looking through binoculars in a forest setting. The background is a soft-focus forest with sunlight filtering through the trees. A large, dark green, textured graphic element covers the right side of the image, containing the Celestron logo and product information.

CELESTRON

SPORT OPTICS 2014

Elite Outdoor Products

“Trust Celestron
to be your
eyes in the field.”

Trust Celestron to be your eyes in the field. Drawing upon over 50 years of experience producing observatory-class telescopes, our binoculars, spotting scopes, and accessories are engineered to give you the sharpest, brightest images possible. With reliable performance, high-end features, and great value, experience for yourself what makes Celestron the universally superior choice for sport optics.

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GRANITE™ ED

BINOCULAR SERIES

AT THE APEX OF OPTICAL AND MECHANICAL DESIGN is Granite ED, Celestron's award-winning series offering all the features you'd expect from a top-of-the-line binocular. Extra-Low Dispersion (ED) glass objective lenses provide edge-to-edge sharpness and color correction while virtually eliminating chromatic aberration. Fully multi-coated optics and phase and dielectric coated BaK-4 prisms produce noticeably brighter images with enhanced resolution and contrast. It's all protected by a durable, waterproof and nitrogen purged magnesium alloy exterior in an ergonomic open-frame body style.

FEATURES

ED glass objective lenses | Fully multi-coated optics | Phase and dielectric coated BaK-4 prisms | Metal twist-up eyecups | Waterproof and nitrogen purged | Magnesium alloy housing

INCLUDES

Objective lens caps | Rainguard | Harness strap | Neck strap | Soft carrying case | Lens cloth



10x42

Granite ED Item #	71378	71380	71370	71372	71374	71376
Size	7x33	9x33	8x42	10x42	10x50	12x50
Prism Type	BaK-4	BaK-4	BaK-4	BaK-4	BaK-4	BaK-4
Angular FOV	9.1°	7.2°	8.1°	6.5°	6.5°	5.3°
Linear FOV Feet @1000yds	477	378	426	341	341	279
Linear FOV Meter @1000m	159	126	142	113	113	93
Eye Relief - mm	15	14.1	17	15	17	15
Close Focus - ft/m	6.5/2	8.2/2.5	6.5/2	8.2/2.5	9.8/3	11.5/3.5
Exit Pupil - mm	4.7	3.6	5.25	4.2	5.0	4.2
Weight - oz/g	21.2/601	20.1/570	23.9/678	23.4/663	28.3/802	27.7/785

- ED LENS
- MA MAGNESIUM ALLOY
- NP NITROGEN PURGED
- FMC FULLY MULTI-COATED
- PHZ PHASE COATED PRISMS
- DC DIELECTRIC COATED

Extra-low dispersion glass, fully multi-coated optics and BaK-4 prisms with dielectric and phase coatings all provide the brightest and sharpest images possible.



TRAILSEEKER™

BINOCULAR SERIES

FOR HIGH-LEVEL OUTDOOR PERFORMANCE tailored for the avid hunter, let TrailSeeker be your guide with its wide field of view view and stunning image quality. This feature-rich binocular offers superior optics at an economical price, with fully multi-coated optics and phase and dielectric coated BaK-4 prisms to maximize light transmission and provide the clearest, sharpest image possible. The lightweight-yet-sturdy magnesium alloy frame is waterproof and nitrogen purged, so you can use TrailSeeker in all weather conditions.

FEATURES

Fully multi-coated optics | Phase and dielectric coated BaK-4 prisms | 6.5' close focus | Metal twist-up eyecups | Waterproof and nitrogen purged | Magnesium alloy housing

INCLUDES

Objective lens caps | Rainguard | Harness strap | Neck strap | Soft carrying case | Lens cloth



8x42



TrailSeeker Item #	71400	71402	71404	71406
Size	8x32	10x32	8x42	10x42
Prism Type	BaK-4	BaK-4	BaK-4	BaK-4
Angular FOV	7.8°	6.2°	8.1°	6.5°
Linear FOV Feet @1000yds	409	325	426	341
Linear FOV Meter @1000m	136	108	142	114
Eye Relief - mm	15.6	14.4	17	15
Close Focus - ft/m	6.5/2	8.2/2.5	6.5/2	6.5/2
Exit Pupil - mm	4	3.2	5.25	4.2
Weight - oz/g	16/453	16/453	23.1/655	22.4/635



NATUREDX™

BINOCULAR SERIES

HAILED AS THE TOP ENTRY LEVEL BINOCULAR in the market, Nature DX offers the best of all worlds: sharp images, a close focus of up to 6.5 feet, and a budget-friendly price. You get all the important features you need for success in the field—including fully multi-coated optics, phase coated BaK-4 prisms, and a fully waterproof and nitrogen purged housing. With a wide range of sizes and magnifications, Nature DX is the perfect first optic for beginning hunters and a reliable addition to the experienced sportsman's arsenal.

FEATURES

Fully multi-coated optics | Phase coated BaK-4 prisms | 6.5' close focus | Waterproof and nitrogen purged | Rugged rubber armor

INCLUDES

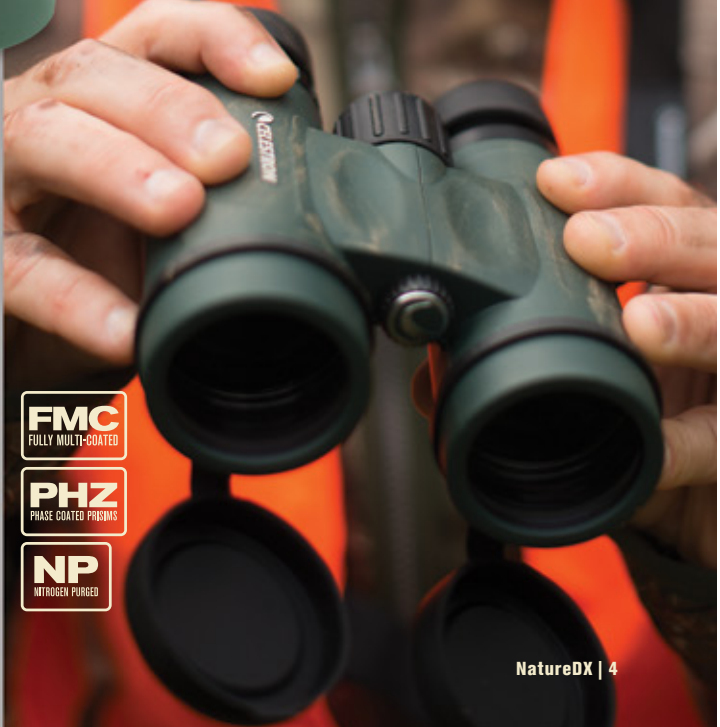
Objective lens caps | Rainguard | Neck strap | Soft carrying case | Lens cloth

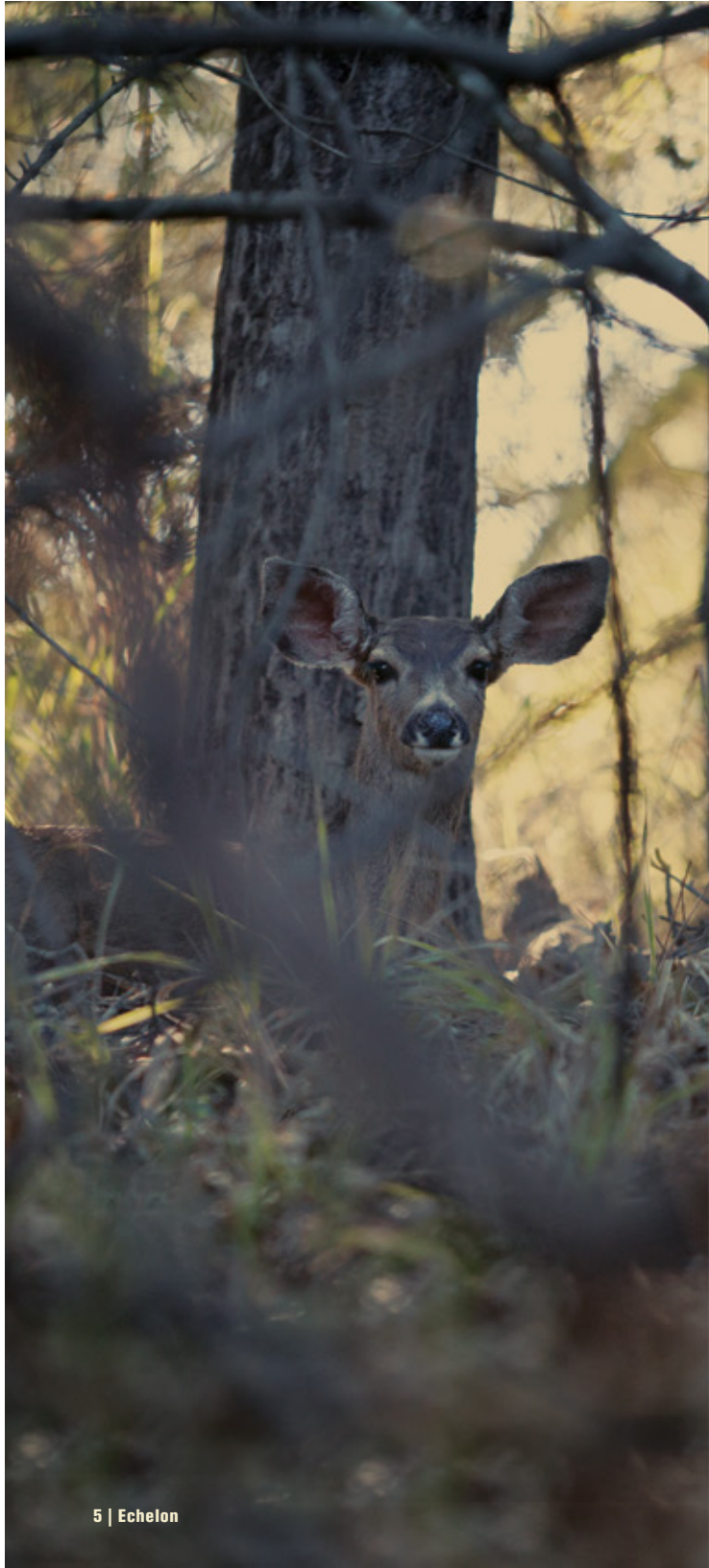


8x56



NatureDX Item #	71328	71329	71330	71331	71332	71333	71334	71335	71336
Size	8x25	10x25	8x32	10x32	8x42	10x42	8x56	10x56	12x56
Prism Type	BaK-4	BaK-4	BaK-4	BaK-4	BaK-4	BaK-4	BaK-4	BaK-4	BaK-4
Angular FOV	7.2°	6.0°	7.4°	5.8°	7.4°	5.8°	6.1°	6.0°	5.5°
Linear FOV Feet @1000yds	378	315	388	304	388	304	320	315	289
Linear FOV Meter @1000m	126	105	129	101	129	101	107	105	96
Eye Relief - mm	14	14	17.5	14	17.5	14	23	18.2	16
Close Focus - ft/m	6.5/2	6.5/2	6.5/2	6.5/2	6.5/2	6.5/2	9.8/3	9.8/3	9.8/3
Exit Pupil - mm	3.1	2.5	4	3.2	5.25	4.2	7	5.6	4.6
Weight - oz/g	12.1/343	12.1/343	18/510	18/510	22.2/629	22.2/629	36.2/1,026	36.3/1,030	36.2/1,028





ECHELON™

BINOCULAR SERIES

ASSEMBLED IN THE USA utilizing premium Japanese optical components, Celestron's new Echelon line is the pinnacle of large-aperture binocular design. Optimized for long-range glassing, all three rugged models feature massive 70 mm objective lenses, fully multi-coated optics, BaK-4 prisms, and large exit pupils. We've also added our proprietary XLT coating for maximum light transmission through the entire optical path. The result is sharp, high-contrast views, even at long distances in the dimmest lighting conditions. Outside, the fully waterproof, rubber-armored aluminum housing withstands rough use.

FEATURES

XLT fully multi-coated optics | BaK-4 prisms | Large exit pupil | Ample eye relief |
Waterproof and nitrogen purged | Rubber-armored aluminum housing | Tripod adaptable

INCLUDES

Objective lens caps | Rainguard | Neoprene neck strap | Waterproof hard case



16x70



Echelon Item #	71450	71452	71454
Size	10x70	16x70	20x70
Prism Type	BaK-4	BaK-4	BaK-4
Angular FOV	5.3°	3.8°	3.0
Linear FOV Feet @1000yds	278	199	157
Linear FOV Meter @1000m	93	66	52
Eye Relief - mm	21.5	18.6	19.5
Close Focus - ft/m	82/25	209.9/64	328.1/100
Exit Pupil - mm	7	4.38	3.5
Weight - oz/g	65.3/1,850	65.6/1,860	65.9/1,870



CAVALRY™

BINOCULAR SERIES

CREATED WITH HUNTERS AND MILITARY PERSONNEL IN MIND, our rugged Cavalry line is engineered for endurance with unique features to suit your needs. Along with fully multi-coated optics and high-grade BaK-4 prisms for superb light transmission, several models—including the monocular—have an integrated compass and reticle, making them useful outdoor tools as well as optical instruments. Don't miss the 7x50 model, featuring a digital compass and GPS! All Cavalry models are clad in olive drab rubber armor for concealment when afield.

FEATURES

Fully multi-coated optics | BaK-4 prisms | Waterproof and nitrogen purged | Rugged rubber armor |
Integrated compass and reticle (71215, 71420, and 71422 only) | Integrated GPS (71422 only)

INCLUDES

Objective lens caps | Rainguard | Neck strap | Soft carrying case | Lens cloth |
Battery (71422 only) | Tripod adapter (71426 only)



15x70



Cavalry Item #	71215	71420	71422	71424	71426
Size	8x42 MONOCULAR	7x30	7x50 GPS	10x50	15x70
Prism Type	BaK-4	BaK-4	BaK-4	BaK-4	BaK-4
Angular FOV	7.0°	8.2°	7.5°	5.6°	4.7°
Linear FOV Feet @1000yds	367	430	394	294	246
Linear FOV Meter @1000m	122	143	131	98	82
Eye Relief - mm	18	17.5	23	19.5	18
Close Focus - ft/m	42.6/13	8.2/2.5	32.7/10	29.5/9	72/22
Exit Pupil - mm	5.25	4.2	7.1	5	4.6
Weight - oz/g	12.1/343	16/454	31.5/893	36.5/1,035	48.7/1,380





Regal™ M2

SPOTTING SCOPE SERIES

GET ALL THE FEATURES found on more expensive spotting scopes with industry leading cost performance in our flagship Regal M2. Extra-Low Dispersion (ED) glass meets our proprietary XLT coatings and fully multi-coated optics for unrivaled image brightness with true color and minimal chromatic aberration. Set the zoom eyepiece in the perfect viewing position using the 360° rotating tripod mount with detents. Then, rapidly bring targets into focus with the dual-focus mechanism and take your best shot. The waterproof and nitrogen purged magnesium alloy body adds durability while decreasing weight for worry free use.

FEATURES

ED glass objective lens | XLT fully multi-coated optics | BaK-4 prisms | Waterproof and nitrogen purged | Magnesium alloy housing | Sliding sunshade | Rotating tripod mount

INCLUDES

Zoom eyepiece | Objective lens cap | Eyepiece cover | Soft carrying case | Lens cloth | T-adaptor step ring for digiscoping



20-60x80



Regal M2 Item #	52304	52305	52306
Size	16-48x65	20-60x80	22-67x100
Prism Type	BaK-4	BaK-4	BaK-4
Angular FOV	2.5°-1.3°	2.1°-1.0°	1.9°-0.9°
Linear FOV Feet @1000yds	131-68	110-52	100-47
Linear FOV Meter @1000m	43-23	37-17	33-16
Eye Relief - mm	20	20	20
Close Focus - ft/m	16.4/5	21.3/6.5	26.2/8
Exit Pupil - mm	4.0-1.3	4.0-1.3	4.5-1.5
Weight - oz/g	46.8/1,327	56.7/1,607	73.5/2,084



27x LER Regal™ M2 80ED

SPOTTING SCOPE KIT

OPTIMIZED FOR SHOOTING ENTHUSIASTS, the Regal M2 80ED LER is an all-in-one package sure to provide the best performance on the range. The bestselling Regal M2 80ED spotting scope comes bundled with our new Long Eye Relief (LER) spotting scope eyepiece. When used together, you'll get a massive 80mm Extra-Low Dispersion (ED) objective lens perfect for all shooting distances and 27x magnification with extended eye relief of 32 mm, so you can sight the target without disturbing your shooting position or removing your shooting glasses. Plus, the bonus stay-on carrying case lets you mount and use your Regal M2 on a tripod while still in the case for an extra layer of security.

FEATURES

32 mm eye relief | XLT fully multi-coated optics | BaK-4 prisms | Waterproof and nitrogen purged | Magnesium alloy housing | Sliding sunshade | Rotating tripod mount

INCLUDES

Long Eye Relief eyepiece | Objective lens cap | Eyepiece cover | Stay-on soft carrying case | Lens cloth | T-adaptor step ring for digiscoping



Regal M2 Item #	52312
Size	27X80
Prism Type	BaK-4
Angular FOV	2.1°
Linear FOV Feet @1000yds	110
Linear FOV Meter @1000m	37
Eye Relief - mm	32
Close Focus - ft/m	21.3/6.5
Exit Pupil - mm	2.9
Weight - oz/g	56.7/1,607



27x80



Shown on tripod with case

SPOTTING SCOPE EYEPIECES

Celestron's debut 1.25" spotting scope eyepieces, available in Wide Angle and Long Eye Relief models, feature our proprietary XLT optical coatings for maximum light transmission, producing bright images with increased resolution and contrast. Waterproof and nitrogen purged, you can use these eyepieces confidently in wet conditions. They're also digiscoping-ready: simply remove the eyecup and attach a T-thread adapter. Then, attach your DSLR camera with compatible T-ring (not included). Both eyepieces come with a storage pouch for added security in your gear bag.



WIDE ANGLE EYEPIECE FEATURES

For Regal M2 and TrailSeeker Series Spotting Scopes
Ample 20 mm eye relief | Wide field of view | XLT fully multi-coated optics | Removable twist-up eyecup | Waterproof and nitrogen purged | Camera adapter threads

INCLUDES

Storage pouch | Lens Caps

	82001	65 mm	80 mm	100 mm
Magnification		26x	32x	36x
Angular FOV		2.3°	1.8°	1.6°
Linear FOV Feet @1000yds		121	94	84
Linear FOV Meter @1000m		40	31	28
Eye Relief - mm		20	20	20
Exit Pupil - mm		2.5	2.5	2.7



LONG EYE RELIEF EYEPIECE FEATURES

For Regal M2 and TrailSeeker Series Spotting Scopes
Extended 32 mm eye relief | Wide field of view | XLT fully multi-coated optics | Removable rubber eyecup | Waterproof and nitrogen purged | Camera adapter threads

INCLUDES

Storage pouch | Lens Caps

	82002	65 mm	80 mm	100 mm
Magnification		22x	27x	30x
Angular FOV		2.5°	2.1°	1.8°
Linear FOV Feet @1000yds		131	110	94
Linear FOV Meter @1000m		44	37	31
Eye Relief - mm		32	32	32
Exit Pupil - mm		2.9	2.9	3.3



BINOCULAR HARNESS STRAP

LIGHTEN YOUR LOAD WHEN YOU'RE OUT ON THE TRAIL.

Our comfortable, fully adjustable binocular harness alleviates neck strain by distributing the weight of your optics over your shoulders and upper back, allowing for hours of comfortable viewing. When you're done for the day or moving to the next scouting area, quick-release clips detach your binoculars with ease.



#93577

TRAILSEEKER TRIPOD

Stabilize your sport optics with the new TrailSeeker Tripod, a lightweight aluminum tripod with a 1/4-20 standard thread mount to accommodate all your favorite spotting scopes, binoculars, and cameras. Its two-way fluid pan head ensures smooth, fast spotting and tracking with a large range of motion and single-tension pan and tilt adjustment. Flip-lever leg locks, multiple leg angles, rubber feet, padded leg wraps, and a retractable balance hook make it adaptable for all types of terrain and weather conditions. The quick-release plate helps you set up and break down in seconds, and it all neatly folds up into the included carrying case.

TRIPOD FEATURES

Two-way fluid pan head | Quick-release plate | Retractable balance hook | Padded leg wraps | Bubble level | 1/4-20 standard thread mount | Leg angles: 3 | Leg sections: 4

INCLUDES

Soft carrying case | Hex keys

TrailSeeker Tripod #	82050
Folded Length - inch	24
Max Height - inch	70.5
Max Height - inch (with center column down)	58
Min Height - inch	18.9
Weight - lbs	3.94
Maximum Load - lbs	8.8



#82050

KEY TECHNOLOGIES

Each Celestron sport optics product is engineered for the highest performance, durability, and quality in its class. From lightweight-yet-sturdy weatherproof housings that withstand the elements to state-of-the-art lens coatings for unrivaled image clarity, with Celestron you'll get a lifetime of viewing enjoyment at an unbeatable value.



WATERPROOF - The housing of the optic is sealed preventing moisture and dust from getting inside.



LIMITED LIFETIME WARRANTY - Celestron Sport Optics products come with a limited lifetime warranty.



DIELECTRIC COATED - A highly reflective coating used in roof prisms to cause the prism surface to act as a dielectric mirror, improving light transmission, contrast and color fidelity. Reflectivity of a dielectric coated prism is greatly improved compared to either an aluminum or silver mirror coating.



ED LENS - Extra low dispersion glass. Optical glass with special dispersion properties that dramatically reduces chromatic aberration, rendering razor sharp images with superb color correction.



FULLY MULTI-COATED - Every lens surface is coated multiple times with anti-reflective coatings to improve the color and contrast of an image and to maximize brightness.



MAGNESIUM ALLOY - The main housing of the optic is constructed of a magnesium alloy. This reduces weight without sacrificing the structural integrity necessary for hard use in the field.



PHASE COATED - A coating applied to one surface of a roof prism to increase contrast and sharpness by correcting out of phase light.



NITROGEN PURGED - The internal housing is purged of air and replaced with dry nitrogen gas, preventing the buildup of moisture and fogging of the internal lenses.



XLT COATING - Celestron's proprietary lens coating. First developed for telescopes, this coating maximizes light transmission through the optical path for brighter images and increased resolution and contrast.

A photograph of a forest with tall, thin trees and sunlight filtering through the canopy. A large, semi-transparent green circle is overlaid on the left side of the image, partially obscuring the forest. The website address 'celestron.com' is centered in white text within the green circle.

celestron.com

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Products designed and intended for those 14 years of age and older.