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SHOOTING® SPORTS RETAILER

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450 SD RIFLE

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SIG P320 X-CARRY
SIG'S X-SERIES. NOW AVAILABLE
IN A CARRY SIZE

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NEW OPTICS FOR 2018

By Brian McCombie

Optics manufacturers launched many new products to start off 2018, especially in the thermal and night vision categories, with many thermal units available at considerably lower prices than in the past. Sure, you can still spend \$10,000 on the latest and greatest thermal scope or monocular. But companies like FLIR and Night Optics

are now offering thermal models for the hunter which cost less than \$2,000. That's still a good deal of cash. But it's far less than what even the most basic units were running 6 years ago.

For more traditional optics, including binoculars and rifle scopes, it's all about new proprietary lens coatings that improve image clarity

and color rendition. And ED or Extra Low-Dispersion glass, which is used to provide brighter, cleaner images without color fringing. Once the province of only the highest-end optics, ED glass has made its way into mid- and even some lower-price-point optics, as the below selection reflects.



Hawke Sport Optics Frontier ED X	
	Magnification 8-10X (model dependent)
	Objective Lens Diameter 42mm
	Dimensions 5.5"x4.1-4.8"
	Weight 24.4 oz.
	Eye Relief 18mm
	Color Green/Grey
	MSRP \$389.99-\$399.99
	URL us.hawkeoptics.com

Hawke Frontier ED X New for 2018, Hawke introduces a brand-new binocular, the Frontier ED X. Using a superior optical system designed around ED (Extra-Low Dispersion) glass, Frontier ED X binoculars produces stunning color retention and crisp definition, with excellent light transmission. Controlled chromatic aberration eliminates color fringing in these bins, allowing all detail to be clearly visible, while the dielectric prism coatings allow maximum light

to reach the eye. Also features a high-performance torqued hinge design, replaceable twist-out eye cups, high grade aluminum focus and diopter dials, and a tough magnesium alloy chassis. The exterior is protected by a durable and tactile rubber armor. Available in a green or grey body, in either 8X or 10X magnification, each Frontier ED X is supplied with a hard sports case and comfortable neck strap. MSRP: \$389.99 to \$399.99. www.hawkeoptics.com

BINOCULARS



Swarovski Optik CL Companion	
	Magnification 8X
	Objective Lens Diameter 30mm
	Dimensions 5"x4.5"x2.2"
	Weight 17.3 oz.
	Eye Relief 16mm
	Color Anthracite/Green
	MSRP \$1,343
	URL www.swarovskioptik.com

CL Companion from Swarovski Optik Swarovski Optik's newest binocular is the handy-sized CL Companion. Weighing in at just a shade over 17 ounces and only 5 inches long, the CL Companion are built around a solid magnesium housing. A larger eye box provides easy viewing, while the high-quality Swarovski glass delivers sharp images that are color-true. The field of view is an impressive 396 feet at 1,000 yards, for the 8X model. The carrying

strap features a rotating, quick-connector that adapts to your movements. Waterproof to 13 feet, with an operating range of -13 F to +131 F. The CL Companion is available in two magnifications (8x30 and 10x30) and two colors: green and anthracite. MSRP \$1,343.00. www.swarovskioptik.com



German Precision Optics Passion ED 8x32	
	Magnification 8X (model dependent)
	Objective Lens Diameter 32mm
	Dimensions 4.9"x4.6"x1.7"
	Weight 17.6 oz.
	Eye Relief 16mm
	Color Black, Deep Green, Desert Sand, Dark Brown
	MSRP \$359.99
	URL www.gpo-usa.com

GPO's Passion ED Binoculars German Precision Optics or GPO is the new kid on the optics block, offering an impressive line of quality glass. This includes the PASSION ED binoculars, competitively priced yet providing image quality found in binoculars found in units costing twice as much. Their unique magnesium body makes them ultra-lightweight (only 17.6 ounces in the 8x32 model) yet incredibly durable. The ED glass is paired with GPO's lens coating technology to produce sharp images and vivid colors. These bins are

waterproof and fog proof, and also feature tough aluminum eyecup tubes and a magnesium micro-bridge. All Passion ED are covered by GPO USA's Spectacular Lifetime Warranty, repairing or replacing your GPO optics — forever. Available in four models — 10x42ED, 8x42ED, 10x32ED, 8x32ED — and four different color options. Custom-molded hard case is included. MSRP, \$359.99 to \$449.99. www.gpo-usa.com

RIFLE SCOPES



ATN's X-SIGHT 4K PRO Series ATN built the X-SIGHT 4K PRO Series scopes around ANT's new 4K Ultra HD Sensor and Dual Core Processor technology to improve optics image quality over past tech, and to allow for a quicker image to form on the new HD Display Plus, there is no loss of resolution up to 10X magnification. The Dual Core Processor provides for simultaneous onboard video recording and WiFi streaming, in HD quality. The Micro SD card capacity has been beefed up to 256GB. Built with hardened aluminum alloy and impact resistant electronics, the scope can withstand the recoil of larger caliber rifles. The Ballistic Calculator incorporated with the X-SIGHT 4K PRO Series calculates for wind speed, range, and incline, and instantaneously makes corrections to the reticle's point of impact. Up to 18 hours of continuous power thanks to the new lithium ion internal battery. MSRP: 3-14X model \$699.00, 5-20X model \$799.00. www.atncorp.com

BATTERY LIFE 18+ hours Internal Lithium Ion Battery	
	ATN X-Sight 4K Pro Series (3-14X)
	Magnification 3-14X
	Lens Diameter NA
	Dimensions 13.8"x3"x3"
	Weight 2.1 lbs.
	Eye Relief 90mm
	Color Black
	MSRP \$699/\$799(3-14X/5-20X)
	URL www.atncorp.com

Bushnell DMR II Pro Rifle Scope	
	Magnification 3.5-21X
	Lens Diameter 50mm
	Dimensions 14.1" Length
	Weight 37oz.
	Eye Relief 3.8 inches
	Color Black
	MSRP \$2,358.45
	URL www.bushnell.com

Bushnell's DMR II Pro Rifle Scope Bushnell's new DMR II Pro 3.5-21x50mm Rifle Scope combines the performance of its established DMR line of scopes — used and trusted by military, law enforcement and PRS champions — with ED Prime Glass. The best glass Bushnell offers, ED Prime Glass brings out rich color and the finest details, even (and especially) in low light. A first focal plane scope, the DMR II features Bushnell's EXO Barrier lens coating to repel water, oil, fog dust and debris, while multiple layers of anti-reflective coating enable superior light transmission and bright images. The THROWHAMMER Lever makes for fast and precise magnification changes with the flick of a finger. Locking turrets, a side parallax adjustments and argon purging for superior fog- and water-proofing purposes round out the DMR II's offerings. MSRP \$2,358.45. www.bushnell.com



EOTech Vudu 5-25x50mm EOTech jumped into the rifle scope market a couple of years ago with the VUDU line, and for 2018 adds one more option: the Vudu 5-25x50mm. One of the shortest first focal plane rifle scopes on the market, the Vudu 5-25 is only 11.2-inches long. That short design gives a night hog or predator hunter the ability to attach either a clip-on night-vision or thermal device in front of the scope and still allows the hunter to make adjustments to the device without leaving the scope. The Vudu 5-25 features a 34mm tube, a one-piece eye-piece, a locking elevation turret, a capped windage turret, and parallax adjustment out to 1,000 yards. The elevation turret includes a push/pull locking system and EOTech's EZ Chok Zero Stop allowing for quick adjustments and return to zero. Reticle offerings include EOTech's MD3 MB-Hash reticle or the Hous H59. The Vudu 5-15 will begin shipping in July 2018. MSRP starting at \$2,099.00. www.eotechinc.com

EOTech Vudu 5-25x50mm	
	Magnification 5-25X
	Lens Diameter 50mm
	Dimensions 11.2" Length
	Weight NA
	Eye Relief NA
	Color Black
	MSRP \$2,099
	URL www.eotechinc.com



GPO PASSION GX German Precision Optics or GPO introduces a premium 30mm line of riflescopes all incorporating a GX super-zoom for close-up to long-distance shooting. The Passion GX line is available in three variations — 1.6x24, 2.5-15x50 and 2.5-15x56 — covering nearly any hunting need. The large internal lenses assure optical brilliance and low-light visibility, plus provide 15-percent more field of view and 20-percent more zoom compared to similar European premium models. Lens are treated with GPO proprietary GPO bright lens coating technology and PASSIONdrop hydrophobic lens coatings. Each scope has an illuminated reticle, fiber-optically driven with GPO's iControl auto-off feature that protects the battery from draining unnecessarily. Other features include durable metallic turret caps, easily adjustable PASSIONtrac quick zero custom turrets, and a fast-focus rubberized ocular. Accessory pack with each scope contains instruction manual, cleaning cloth, flip cap objective cover, and one GR2032 battery. MSRP \$1,249.99 to \$1,399.99. www.gpo-usa.com

German Precision Optics Passion Series	
	Magnification 2.5-15X
	Lens Diameter 56
	Dimensions 15"x3"x1.9"
	Weight 27.5 oz.
	Eye Relief 95mm
	Color Black
	MSRP \$1,399
	URL www.gpo-usa.com

Hawke Optics Endurance Line 4-16x50

	Magnification 4-16X
	Lens Diameter 50mm
	Dimensions 14.5" Length
	Weight 19.7 oz.
	Eye Relief 4 inches
	Color Black
	MSRP \$479.99
	URL us.hawkeoptics.com

Hawke Optics Endurance Line Hawke's new Endurance WA line of rifle scopes were specifically designed with the big-game hunter in mind. Hence, the impressive 24° field of view with zero edge distortion, while providing an important 4-inch eye relief to offset big game caliber recoil. Built into a 30mm chassis, the scopes feature either side focus for parallax free aiming from 10 yards or non-side focus models with a fixed parallax at 100 yards. Each of the six models in the Endurance WA line feature special heavy-duty erector systems to maximize internal stability, and the option of exposed locking or low-profile capped turrets. The hard-anodized body tube is machined from lightweight, aircraft-grade aluminum. The illuminated reticles are glass etched, and reticle options include Hawke's popular LR Dot and a new LRC reticle that provides aim points matching centerfire ballistics out to 500 yards. Reticles feature six brightness settings, adjusted by a saddle mounted control unit. MSRP \$429.99 to \$499.99. www.hawkeoptics.com



Kahles K318i Rifle Scope The new Kahles K318i is a 3.5-18x50 compact riflescope. Made in Austria, the rugged K318i packs long-range capabilities into a tube that's only 12.3 inches long. The high-quality lens produces high-contrast images, with edge-to-edge clarity. A first focal plane optic, the K318i has a parallax wheel integrated right into the elevation turret, enabling easy handling for both right- and left-handed shooters. The large numbers on both turrets are very readable from the aiming position. The innovative and patented TWIST GUARD windage turret cap is a freely rotating and cover. The Twist Guard can be bumped against objects (branches, deer stand window frames, etc.) and it will turn but not move the windage adjustments. Another handy feature is an Allen key for zeroing the turrets housed in the cap of the illumination unit and therefore is always available. Kahles is owned by Swarovski Optik. MSRP \$3,199.00. www.kahles.at/us

Kahles K318i Rifle Scope	
	Magnification 3.5-18X
	Lens Diameter 50mm
	Dimensions 12.3" Length
	Weight 32.6 oz.
	Eye Relief 3.6 inches
	Color Black
	MSRP \$3,199
	URL www.kahles.at/us