



TOUGH. TECHNICAL. BRILLIANT.



2023 PRODUCT CATALOG

# OUR PHILOSOPHY

German Precision Optics (GPO) was founded and is run by optical industry senior executives who have experienced how big brands increase profitability to support their massive production infrastructure. This corporate profitability structure normally results in increased consumer pricing or decreased product feature quality. We at GPO have a unique corporate structure that allows us to build higher-quality products with better features at similar prices or similar-quality products at better prices than other premium optics brands. All of our design, engineering, and quality management is conducted internally in Germany. Our products are built to our high-quality standards in some of the largest global production facilities in the world. Additionally, 100 percent of our products are hand-inspected by German engineers, in Germany, to ensure all of our high-quality standards are met.

The goal of GPO is to apply a lean and efficient business model, eliminate any unnecessary overhead costs, and to establish a team, who are fully dedicated to serving the needs of our customers.

## OUR VISION

We aspire to be the partner of choice for our customers, and we are committed to meeting their needs. Our goal is to offer our customers the best price, quality, and service value.

We offer high-quality, dependable, and functional optics that help make your passion a reality.

"We want to help our customers enjoy their passion."

Mike Jensen, owner and CEO, GPO, USA



# SPECTACULAR LIFETIME WARRANTY™

Better than all others

GPO, USA is 100 percent confident that all of our products will function perfectly and will exceed your expectations. Therefore, GPO, USA has created an industry-leading SPECTACULAR LIFETIME WARRANTY™. With outstanding professional service, we will take care of our products before, during and after your purchase at no charge to you, ever. If your product is not functioning properly, GPO, USA will repair or replace it with a product in perfect working condition.\* We at GPO know that you have chosen to trust us by purchasing one of our premium products, and we understand that this trust is important. The GPO, USA SPECTACULAR LIFETIME WARRANTY™ applies to every GPO product bought in the United States, regardless of where you purchased it, and no matter how long you have had it. In addition to this best-in-class service, GPO trusts our retail partners to also service your needs. If you prefer to return a damaged or nonfunctioning GPO product to the retailer where you have purchased your optics, GPO authorizes the retailer to replace your identical item on the spot. This level of service is unsurpassed in the industry. Trust in GPO. You will not be disappointed.

\* The factory service replacement product will be of equal or greater value. The GPO, USA SPECTACULAR LIFETIME WARRANTY™ does not cover loss, theft, deliberate damage, or cosmetic damage that is the result of neglect or intentional misuse. Electronic components within optical products carry a five-year full-coverage warranty, and the SPECTACULAR LIFETIME WARRANTY™ applies to all other products.



LIFETIME WARRANTY, fully transferable.

- No proof of purchase required.
- No warranty card registration required.
- Instant in-store replacement service.

OUR WARRANTY

# PASSION™ HD

MODELS

8x42 ■ 10x42 ■ 8.5x50 ■ 10x50 ■ 12.5x50

PASSION™ HD binoculars are the flagship products of GPO. They are built to the highest optical standards with incredible low-light optical benefits. Users can see exceptional fine detail from extreme distances while enjoying excellent color contrast images. This visual quality is made possible by GPO's proprietary GPObright™ lens coating technology. PASSION™ HDs have a wide-angle field of view that makes users feel as if they are part of the spectra they are viewing. They are exceptionally lightweight and compact, which makes them feel nearly invisible around the user's neck.

## FEATURES

- Incredible light transmission, 99.7 percent ags
- GPObright™ lens coating technology
- Fully multicoated
- Dielectric and phase correction coatings
- DOUBLE HD technology
- Center focusing locking diopter
- Tough aluminum eyecup tubes
- Magnesium micro-bridge and body
- Waterproof and fog proof
- PASSIONdrop™ hydrophobic coatings
- Custom-molded hard case



PASSION™ HD 10x42



PASSION™ HD 12.5x50

PASSION™ HD 10x42

## TECHNICAL SPECIFICATIONS

SKU	Model	Color	Power	FOV @ 1,000y	Exit pupil diameter	Eye relief	Close focus	Interpupillary distance	Water-proof	Total transmission	Length	Weight
B600	8x42	Black	8X	375ft	5.25mm	19.5mm	6.5ft	57-75mm	Yes	91%	6.1in	29.3oz
B620	10x42	Black	10X	336ft	4.2mm	17.0mm	6.5ft	57-75mm	Yes	91%	6.1in	29.6oz
B640	8.5x50	Black	8.5X	315ft	5.9mm	19.5mm	9.8ft	58-76mm	Yes	91%	6.9in	33.2oz
B660	10x50	Black	10X	309ft	5mm	19.5mm	9.8ft	58-76mm	Yes	91%	6.9in	33.9oz
B680	12.5x50	Black	12.5X	286ft	4mm	16.5mm	9.8ft	58-76mm	Yes	91%	6.9in	34.1oz

• For more technical specifications, see page 18.



# PASSION™ ED MODELS

8x32 ■ 10x32 ■ 8x42 ■ 10x42 ■ 8x56\* ■ 10x56\*

\*PASSION™ 8x56 and 10x56 use high-transmission glass.

PASSION™ ED binoculars are built to the highest standards within their price class and in the same factories as other European brands. The unique magnesium body makes them ultra-lightweight yet incredibly durable, and the cutting-edge field of view makes these binoculars an instant classic among outdoor enthusiasts. Back up these features with the GPO, USA, Spectacular Lifetime Warranty™ and you have a binocular that will stay in your family for generations.

## FEATURES

- ED glass technology
- Magnesium micro-bridge and body
- Fully multicoated
- Dielectric and phase correction coatings
- GP<sup>®</sup>bright™ lens coating technology
- Waterproof and fog proof
- Lightweight and compact (select models)
- Custom-molded hard case



PASSION™ ED 10x56

Magnesium micro-bridge and body



GP<sup>®</sup>bright™ lens coating technology

PASSION™ ED 10x42

Tough aluminum eyecup tubes



PASSION™ ED 8x32

PASSION™ ED 32 and ED 42 color options:



charcoal black



deep green



dark brown earth



desert sand

## TECHNICAL SPECIFICATIONS

SKU	Model	Color	Power	FOV @ 1,000y	Exit pupil diameter	Eye relief	Close focus	Waterproof	Total Transmission	Length	Weight
B300	8x32	Black	8X	410'	4mm	16mm	6.6ft	Yes	90%	4.9in	17.6oz
Other colors available / Model B301 - Green / Model B302 - Tan / Model B303 - Brown											
B320	10x32	Black	10X	316'	3.2mm	15mm	8.2ft	Yes	90%	4.9in	17.6oz
Other colors available / Model B321 - Green / Model B322 - Tan / Model B323 - Brown											
B340	8x42	Black	8X	426'	5.25mm	18mm	6.6ft	Yes	90%	5.7in	26oz
Other colors available / Model B341 - Green / Model B342 - Tan / Model B343 - Brown											
B360	10x42	Black	10X	340'	4.2mm	16mm	8.2ft	Yes	90%	5.7in	26oz
Other colors available / Model B361 - Green / Model B362 - Tan / Model B363 - Brown											
B400	8x56	Black	8X	389'	7mm	19mm	8.2ft	Yes	92%	7.5in	40.9oz
B420	10x56	Black	10X	352'	5.6mm	16mm	9.8ft	Yes	92%	7.5in	41.3oz

• For more technical specifications, see page 18.

# RANGEGUIDE™

Full size and compact rangefinding binoculars are the future, and GPO is sure to exceed your expectations with our award-winning RANGEGUIDE™ selections. The RANGEGUIDE™ combines spectacular optical quality and modern electronic rangefinding technology in a single compact rangefinding binocular. The double HD objective lenses, coupled with the GPObright™ high-transmission lens coatings, make this product exceptionally bright in low light, while the magnesium body and armor coating make it tough enough to use in any outdoor environment. If you need to see your game and know the distance in all hunting environments, the GPO RANGEGUIDE™ rangefinding binoculars are your winning ticket.

MODELS 8x32 ■ 10x32 ■ 8x50 ■ 10x50



RANGEGUIDE™ 8x32

## FEATURES

- Humidity and barometric reading (8x32 and 10x32)
- GPObright™ lens coating technology
- DOUBLE HD objective lens technology
- Scan mode provides three readings every second
- Temperature reading to assist your shot placement
- OLED display with nine adjustable brightness levels
- Extremely small and compact
- Over 3,000 yard ranging capability
- True-range angle technology calculates the proper distance to your target
- Display shows the angle of your target

OLED display with 9 brightness levels



6 to 3,000 yard capabilities

RANGEGUIDE™ 10x50

## TECHNICAL SPECIFICATIONS

Optical parameter	Description	8x32	10x32	8x50	10x50	Optical parameter	Description	8x32	10x32	8x50	10x50
Magnification		8X	10X	8X	10X	Range maximum	Reflective/Solid Targets (y)	3,062y	3,062y	3,062y	3,062y
Field of view (FOV)	Feet at 1,000 yards	405'	336'	345'	330'	Range maximum	Semi-reflective - Tree (y)	1,093y	1,093y	1,093y	1,093y
Objective diameter	Effective diameter (mm)	32mm	32mm	50mm	50mm	Range maximum	Non-reflective - animal (y)	766y	766y	766y	766y
Ocular diameter	Edge diameter (mm)	20mm	20mm	20mm	20mm	Minimum range	Yards	6y	6y	6y	6y
Exit pupil diameter	Pupillary ocular beam (mm)	4mm	3.2mm	6.3mm	5mm	Laser response time	Seconds	.25 sec	.25 sec	.25 sec	.25 sec
Eye relief	From optical surface	18mm	16mm	19mm	17mm	True angle	Adjusted shooting distance	Yes	Yes	Yes	Yes
Housing	Main body and hinge	mag	mag	mag	mag	Angle	Shows the angle degree	Yes	Yes	Yes	Yes
Close focus	Shortest focal distance	15'	15'	8.2'	9.8'	LOS mode	Line of sight only	Yes	Yes	Yes	Yes
Waterproof	Mbar	100	100	100	100	Scan mode	3 readings per second	Yes	Yes	Yes	Yes
Transmission daylight	ISO 14490-5:2005	0.87	0.87	0.87	0.87	Temperature	Fahrenheit and Celcius	Yes	Yes	Yes	Yes
Height	Without covers (in.)	2.2"	2.2"	2.5"	2.5"	Display	OLED - 9 brightness levels	Yes/auto	Yes/auto	Yes	Yes
Length	At outside diameter (in.)	4.9"	4.9"	6.3"	6.3"	Display color	Red	Yes	Yes	Yes	Yes
Weight	Without covers (oz.)	24.7oz	24.3oz	36.8oz	35.2oz	Battery type	CR2	Incl.	Incl.	Incl.	Incl.
Item number		BX700	BX710	BX740	BX750	Angle sensor	Max / Min degrees (°)	85°	85°	85°	85°



# RANGETRACKER™ 1800

The GPO RANGETRACKER™ 1800 incorporates the best optical and electronic technology wrapped into a small, durable, multi-use handheld rangefinding tool. With its 6X magnification, this rangefinder will work perfectly for both long-range rifle hunting (up to 1,800 yards) and close archery usage (6 yards). Key features of the GPO RANGETRACKER™ 1800 include a high-transmission optical system with GPO's proprietary high transmission GPObright™ lens coatings, both line of sight and True-range™ adjusted-angle distance readings, a Hyper-scan™ feature that provides three readings every second, and Target-seeker™ technology that offers best or last laser hits. The HLCD display allows up to 25 percent more light to get through the optical system, making the RANGETRACKER™ 1800 usable in low-light situations. It's small, compact, tough, and optically brilliant. Let's go hunting!

## FEATURES

- Ranging capability from 6 to over 1,800 yards
- True-range™ angle technology calculates the proper distance to your target
- Hyper-scan™ mode provides three readings every second
- 6X magnification
- Target-seeker™ mode for best or last laser hits
- Secondary reading provides calculated angle
- HLCD display makes it usable in low-light situations



AVAILABLE IN BLACK AND GREEN

GPObright™  
high-transmission  
lens coating technology

True-range™  
angle compensation

6X magnification

Hyper-scan™,  
angle, line-of-sight modes

6 to 1,800 yard ranging

HLCD display for 25 percent more light transmission

## TECHNICAL SPECIFICATIONS

Optical parameter	Description	6x20	Optical parameter	Description	6x20
Magnification		6X	Range maximum	Reflective/solid targets (y)	1,800
Field of view (FOV)	Feet at 1,000 yards	400'	Range maximum	Tree (y)	700y
Objective diameter	Effective diameter (mm)	20mm	Range maximum	Deer (y)	700y
Ocular diameter	Edge diameter (mm)	25mm	Minimum range	Yards	6y
Exit pupil diameter	Pupillary ocular beam (mm)	3.3mm	Laser response time	Seconds	0.33sec
Eye relief	From optical surface	16mm	True angle	Adjusted shooting distance	Yes
Housing	Main body	Polycarbonate	Angle	Shows the angle degree	Yes
Waterproof	Mbar	IPX4	LOS mode	Line of sight only	Yes
Length	At outside diameter (in.)	3.7"	Scan mode	3 readings per second	Yes
Weight	Without covers (oz.)	5.2oz	Dual target seeker	Best and Last laser hit	Yes
Battery type	CR2	Provided	Display	HLCD Black	Yes

RANGETRACKER™ 1800

# PASSION™ 3X AND 4X

## MODELS

3-9x42\* ■ 4-12x42\*  
4-12x50i ■ 3-12x56

\* 3-9x42 and 4-12x42 include  
5 additional custom turrets.

This entry, premium line of riflescopes packs incredible features into small, compact, and versatile optics, with premium features like an industry-leading field of view, quick-adjust turrets, fast-focus ocular, and generous eye relief. PASSION™ 3X and 4X are sure to be your workhorse that transforms a hunt into a harvest.

## FEATURES

- 1-inch and 30mm main tubes
- Excellent eye relief
- 1/4 MOA CCW rotation turrets
- Extreme field of view
- Fast-focus ocular
- DOUBLE HD objective lens technology
- GP<sup>+</sup> bright lens coating technology



PASSION™ 3-12x56



Custom turret options

PASSION™ 4-12x50i

Rubberized fast-focus ocular

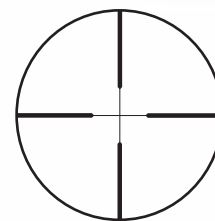
Machined aluminum one-piece main tube

## GPOBTS™ Ballistic Turret System

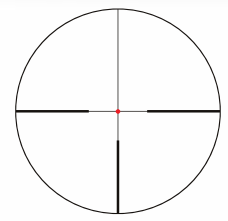
PASSION™ 3-9x42 and 4-12x42 include five additional custom turret rings (.223 Rem., 6.5 Creedmoor, .308 Win., 30-06 Spr., .300 WM) that are specifically calibrated for use with select Hornady ammunition. This turret system is intended to assist shooters in attaining lethal game shot placements at up to 500 yards. Visit [gpo-usa.com](http://gpo-usa.com) for more detailed information.



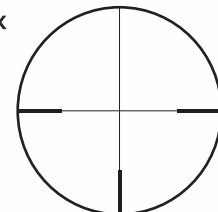
Reticle options:



Plex



G4i



G4

## TECHNICAL SPECIFICATIONS

SKU	Model	Reticle type	Weight oz.	Length in.	Eye relief in.	FOV @ 1,000y	Tube size	Turret Click adj. @ 100y	Max Elev @ 100y	Max Windage	Turret	Parallax y=Yards
R310	3-9x42	Plex	14.1	11.7	3.75	45-17ft	1in	1/4" at 100y	72"	72"	GPOBTS	100y
R350	4-12x42	Plex	13.8	12.2	3.75	34-14ft	1in	1/4" at 100y	61"	61"	GPOBTS	100y
R360	4-12x50i	G4i	18.2	13.2	3.5	27.2-9ft	1in	1/4" at 100y	46"	46"	Capped	100y
R400	3-12x56	G4	22.6	13.4	3.5	37-14ft	30mm	1/3" at 100y	52"	52"	Capped	100y

• For more technical specifications, see pages 17 and 19.



# SPECTRA™ 4X AND 5X

MODELS

2.5-10x44 ■ 2.5-10x44i  
4-16x50i ■ 3-15x56i

Aimed to take your shooting experiences to a higher level, the SPECTRA™ 4X and 5X riflescopes offer precise, reliable, and high-quality performance for diverse hunting scenarios. The 30mm main tubes, GPObright™ lens coating, and iCONTROL™ fiber optic illumination technology are just some of the features you will find in these models. Each scope is packed full of performance to make your hunting experience successful.

## FEATURES

- 30mm main tube
- GPObright™ lens coating technology
- iCONTROL™ illumination options
- Ballistic reticle options
- Machined aluminum one-piece tube
- .1 mrad or .36" @ 100y turrets
- Quick set PASSI⊗Ntrac™ turrets
- Magnification throw lever (select models)
- DOUBLE HD objective lens technology



iCONTROL™  
illumination

SPECTRA™ 3-15x56i



PASSI⊗Ntrac™  
quick-zero turrets

Illuminated reticle  
with iCONTROL™ technology

Removable magnification throw lever

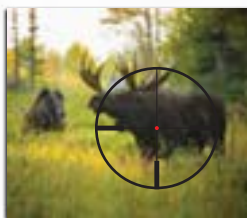
Aluminum magnification ring for durability

SPECTRA™ 2.5-10x44i

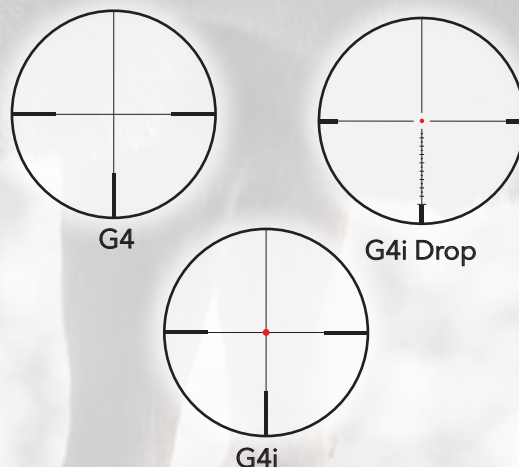
## iCONTROL™

The "micro-fiber optic dot" iCONTROL™ illumination system can be adjusted between barely visible for low-light conditions or extremely bright for daylight usage. Auto-off technology assures users that they always have a live battery when it is most needed.

- Extremely fine microfiber optic dot for precision long-range shooting
- Continuous smooth rheostat for illumination adjustment between very dim to daylight bright
- Automatically powers down the illumination when the electronic module has been stationary for more than three hours
- Alerts the user when the battery has 15 percent power remaining



Reticle options:



## TECHNICAL SPECIFICATIONS

SKU	Model	Reticle type	Weight oz.	Length in.	Eye relief in.	FOV FT@ 100y	Tube size	Turret Click adj. @ 100y	Max Elev @ 100y	Max Windage	Turret	Parallax y=Yards
RS420*	2.5-10x44	G4	21.9	13.3	3.75	49-13	30mm	.1mrad or .36"	85"	85"	Capped PT™	100y
RS421*	2.5-10x44i	G4i Drop	22.6	13.3	3.75	40-13	30mm	.1mrad or .36"	85"	85"	Capped PT™	100y
RS441	4-16x50i	G4i	24.0	14.7	3.75	32-8	30mm	.1mrad or .36"	76"	76"	Capped PT™	10y to Inf.
RS442	4-16x50i	G4i Drop	24.0	14.7	3.75	32-8	30mm	.1mrad or .36"	76"	76"	Capped PT™	10y to Inf.
RS560*	3-15x56i	G4i	29.3	14.6	3.75	34-7	30mm	.1mrad or .36"	90"	90"	Capped PT™	10y to Inf.

\*Removable magnification throw lever

• For more technical specifications, see pages 17 and 19.

# SPECTRA™ 6X

This super-premium 30mm line of riflescopes offers a comprehensive array of features for shooters. The 6X superzoom allows for extreme versatility for close and long-distance usage. The double HD objective lens and the large internal lenses assure optical brilliance and low-light visibility. This super-premium flagship product is sure to impress the most discerning, hardcore trophy hunter.

## FEATURES

- Superzoom 6X technology
- iCONTROL™ illumination
- PASSIONtrac™ quick-zero turrets or zero-stop locking turrets
- 30mm main tube
- GP☀️bright™ lens coating technology
- PASSIONdrop™ hydrophobic lens coatings
- DOUBLE HD objective lens technology
- Removable magnification throw lever

## MODELS

1-6x24i ▪ 1.5-9x32i ▪ 1.5-9x44i  
2-12x44i ▪ 2-12x50i ▪ 3-18x56i  
**NEW** 4.5-27x50i

iCONTROL™  
illumination

SPECTRA™ 4.5-27x50i

SPECTRA™ 1-6x24i

DOUBLE HD lens system with  
GP☀️bright™ high transmission  
lens coatings

Zero-stop locking turrets (ZSBT)

Removable  
magnification  
throw lever

**NEW**

SPECTRA™ 4.5-27x50i

iCONTROL™ microfiber optic dot  
illumination technology

6X superzoom technology

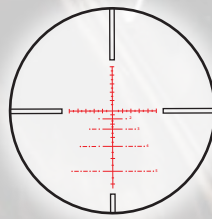
Reticle options:



G4i



G4i Drop



BRWi



BRi



MOAi

## TECHNICAL SPECIFICATIONS

SKU	Model	Reticle type	Weight oz.	Length in.	Eye relief in.	FOV FT@ 100y	Tube size	Turret Click adj. @ 100y	Max Elev @ 100y	Max Windage	Turret	Parallax y=Yards
RS610	1-6x24i	G4i	16.9	11.4	4	128-22	30mm	.1mrad or .36"	144"	144"	Capped PT™	100y
RS620	1.5-9x32i	G4i	19.5	12.6	4	86-14	30mm	.1mrad or .36"	144"	144"	Capped PT™	100y
RS630	1.5-9x44i	G4i Drop	20.3	13.3	4	86-14	30mm	.1mrad or .36"	144"	144"	Capped PT™	100y
RS631 <b>NEW</b>	1.5-9x44i	G4i	20.3	13.3	4	86-14	30mm	.1mrad or .36"	144"	144"	Capped PT™	100y
RS640	2-12x44i	BRWi	20.3	13.4	4	65-11	30mm	.1mrad or .36"	144"	144"	Capped PT™	100y
RS650	2-12x50i	G4i	20.9	13.4	4	65-11	30mm	.1mrad or .36"	144"	144"	Capped PT™	100y
RS660*	3-18x56i	BRi	29.3	14.6	3.75	34-6	30mm	.1mrad or .36"	90"	90"	Capped PT™	10y to Inf.
RS673* <b>NEW</b>	4.5-27x50i	MOAi	26.6	14.1	4	22.7-3.6	30mm	1/4"	70"	51"	Lock ZSBT	10y to Inf.

\*Removable magnification throw lever

• For more technical specifications, see pages 17 and 19.



# SPECTRA™ 8X

MODELS 1-8x24i ■ 2-16x44i ■ 2.5-20x50i

The 8X super-zoom technology allows extreme versatility for close and long distance usage. The large internal lenses and ballistic reticle options assure optical brilliance and low-light visibility for making the most challenging shots. This super-premium flagship product is sure to be a once in a lifetime purchase.

## FEATURES

- Superzoom 8X technology
- iCONTROL™ illumination
- Internal PASSIONtrac™ quick-zero turrets
- 30mm main tube
- GP<sup>®</sup> bright™ lens coating technology
- PASSIONdrop™ hydrophobic lens coatings
- DOUBLE HD objective lens technology
- .1 mrad or .36" @ 100y turrets
- Removable magnification throw lever (select models)

iCONTROL™  
illumination



SPECTRA™ 1-8x24i



SPECTRA™ 2-16x44i

Reticle options:



G4i



BRi

DOUBLE HD lens system with  
GP<sup>®</sup> bright™ high transmission  
lens coatings

PASSIONtrac™ quick-zero turrets



iCONTROL™ microfiber optic dot  
illumination technology

8X and superzoom technology

SPECTRA™ 2.5-20x50i

## TECHNICAL SPECIFICATIONS

SKU	Model	Reticle type	Weight oz.	Length in.	Eye relief in.	FOV FT@ 100y	Tube size	Turret Click adj. @ 100y	Max Elev @100y	Max Windage	Turret	Parallax y=Yards
RS800*	1-8x24i	G4i	17.8	10.1	3.5	123-15	30mm	.1mrad or .36"	126"	126"	Capped PT™	100y
RS820*	2-16x44i	G4i	23.9	12.3	3.5	59-8	30mm	.1mrad or .36"	105"	105"	Capped PT™	10y to Inf.
RS821*	2-16x44i	BRi	23.9	12.3	3.5	59-8	30mm	.1mrad or .36"	105"	105"	Capped PT™	10y to Inf.
RS830	2.5-20x50i	G4i	25.3	14.8	3.5	48-6	30mm	.1mrad or .36"	94"	94"	Capped PT™	10y to Inf.

\*Removable magnification throw lever

• For more technical specifications, see pages 17 and 19.

## GPOTAC™

MODELS

1-6x24i ▪ 1-8x24i ▪ 2.5-20x50i ▪ **NEW** 4.5-27x50i

This line of tactical optics packs incredible high-demand features into every item: large milliradian turrets with locks and zero stops, milliradian reticles located in the first focal plane, fiber optic iCONTROL™ illumination with auto-off functionality, and stunning optical performance. Built with 30mm and 34mm main tubes, these riflescopes allow for an optimal range of adjustment. Feature for feature, spec for spec, you will find no better optic for your demanding needs.



GPOTAC™ 1-8x24i

iCONTROL™  
illumination

## FEATURES

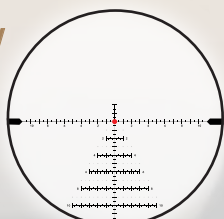
- First focal plane reticles
- 30mm and 34mm main tubes
- Large milliradian set and lock turrets
- iCONTROL™ illumination
- Custom mil-spec reticles
- 6X and 8X zoom technology
- GP<sup>+</sup>bright™ lens coating technology
- Removable magnification throw lever (select models)

Milliradian zero-stop turret options (ZSBT)  
(select models)First focal plane mil-spec reticles  
with iCONTROL™ illumination systemRemovable magnification  
throw lever  
(select models)

30mm and 34mm main tubes offer maximum adjustment range

**NEW** GPOTAC™ 4.5-27x50i

Reticle options:

**NEW**

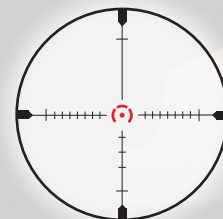
PLRi



BRi



HSi



HSi - CQB

## TECHNICAL SPECIFICATIONS

SKU	GPOTAC™ 6X / 8X	Reticle type	Weight oz.	Length in.	Eye relief in.	FOV @ 100y	Tube size	Turret Click adj.	Max Elev @ 100y	Max Windage	Turret	Parallax y=Yards
RT610	1-6x24i	HSi-CQB	19.8	10.6	4	113-19	30mm	.1 milrad	84"	84"	mrad BT	100y
RT820	1-8x24i	HSi	27.0	10.7	3.75	107-13	34mm	.1 milrad	105"	105"	mrad-lock BT	100y
RS831	2.5-20x50i	BRi	25.3	14.8	3.5	49-6	34mm	.1 milrad	144"	144"	mrad BT	10y to Inf.
RS670*	4.5-27x50i	LRi Pro	31.8	14.1	4	23-4	34mm	.1 milrad	115"	115"	mrad-lock ZSBT	10y to Inf.
RS672* <b>NEW</b>	4.5-27x50i	PLRi	31.8	14.1	4	23-4	34mm	.1 milrad	115"	115"	mrad-lock-ZSBT	10y to Inf.

\*Removable magnification throw lever

• For more technical specifications, see pages 17 and 19.



# NEW GPOTAC™ 45

The GPOTAC™ 45 spotting scope is designed for shooters looking for an advantage in shot placement. It has a custom-designed first focal plane reticle built for the precision long-range shooter and includes bonus features such as Picatinny rails for supplemental sighting and a honeycomb objective filter lens cap that minimizes objective lens reflection. As a bonus feature, its PLR reticle is matched with the first focal plane PLRi reticle in the GPOTAC™ 4.5-27x50 riflescope. This creates the ultimate scope and spotter combination.

## FEATURES

- Mil-based first focal plane (FFP) PLR reticle
- Picatinny rail mounting system
- Matching FFP reticle to GPOTAC™ 4.5-27x50 riflescope
- Armored for durability
- GP**☀**bright™ high-transmission lens coatings
- DOUBLE **HD** objective lens



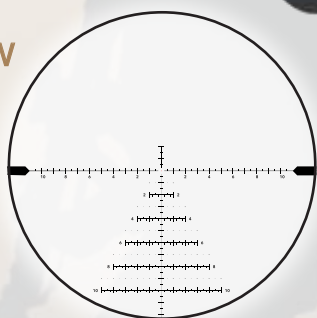
GPOTAC™ 45 15-45x60

DOUBLE **HD** objective lens  
with honeycomb filter lens cap

Picatinny rails for  
supplemental sighting

Reticle:

NEW



PLR

Located in the first focal plane

First focal plane  
PLR reticle

Dual focus for sharpening reticle  
and image at all magnifications

## TECHNICAL SPECIFICATIONS

SKU	Model	Magnification	Objective diameter mm	Reticle type	Weight oz.	Height in.	Width in.	Length in.	FOV @100y	Turret click adjustment
TS100	GPOTAC™ 45	15-45X	60	PLR	44	5.5	3.3	10.9	180'-60'	none

# SPECTRA™ DOT

Built tough for hunting or tactical use, the SPECTRA™ DOT features high-efficiency power management with a battery run time of up to 50,000 hours. It has a mount that pairs with both the Weaver and Picatinny-style rails, and it features precision ½ MOA windage and elevation click adjustments. It is waterproof and carries an IPX-7 rating. The red dot brightness measuring 3 MOA also enables the SPECTRA™ DOT to be used in a variety of lighting conditions, with six daytime and five nighttime settings.

## FEATURES

- GPObright™ lens coating technology
- 3 MOA dot size
- Red dot illumination has six daytime and five nighttime settings
- Waterproof submersible with IPX-7 rating
- Picatinny rail mounting system

CR2032 battery provides 50,000 hours of use

Waterproof submersible

Picatinny mounting platform

6 daytime and 5 nighttime settings



NEW

# SPECTRA™ REFLEX DOT

Reflex sighting systems are an integral part of shooting sports, and the SPECTRA™ REFLEX DOT has features that will enhance your shooting experience. This sight is built with high-density polymer lenses coated with GPO's proprietary GPObright™ high-transmission lens coatings for a perfectly clear sight image. It has modern features such as a side battery compartment, tactile 1 MOA click adjustment, automatic on and off motion sensor, automatic illumination photo sensor, and high-efficiency LED that runs on a CR 1632 lithium battery. The illuminated red dot is a crisp 3 MOA for quick target acquisition.

## FEATURES

- Integrated on and off motion sensor
- Battery side compartment accessible while mounted
- Automatic illumination photo sensor that adjusts to brightness
- Tactile click adjustments

High-density polymer lens with GPObright™ high-transmission coating

On and off internal motion sensor

Tactile 1 MOA elevation/windage adjustments

Photo sensor automatically adjusts brightness to lighting conditions

Side battery compartment for exchange while mounted



## TECHNICAL SPECIFICATIONS

SKU	Model	Magnification	Objective diameter mm	Reticle type	Weight oz.	Height in.	Width in.	Length in.	FOV @100y	Turret click adjustment	Battery type
RS120	SPECTRA™ REFLEX DOT	1X	22x16	Red Dot 3 MOA	0.75	0.9	1.05	1.6	unlimited	1 MOA@100y	CR1632
RS150	SPECTRA™ DOT	1X	22	Red Dot 3 MOA	6.6	1.4	1.7	2.5	unlimited	1/2 MOA@100y	CR2032





# KEY FEATURES

## PASSIONdrop™

HYDROPHOBIC LENS COATINGS for easy lens cleaning

### FEATURES

- Hydrophobic coatings are applied with a nano-application to fill grooves and channels on lens surface
- Makes glass lenses smooth for easy cleaning and helps them stay clean longer
- Lenses won't hold water, dirt, oil, or debris
- Dramatically increases smudge repellency

## GPbright™

PROPRIETARY LENS COATINGS to maximize light transmission

### FEATURES

- Vacuum-coatings are applied to high-performance lenses to maximize light transmission
- 99.7 percent of the available light passes through each optical surface unlike uncoated lenses. Uncoated lenses can reflect up to 5 percent of the light, which can significantly reduce light transmission
- When the entire optical system is coated with GPbright, total light transmission can reach up to more than 92 percent
- Makes the GPO product "bright," even in the lowest light conditions

## DOUBLE HD

HIGH PERFORMANCE OPTICAL LENS that enhances resolution and color contrast images

### FEATURES

- Multiple extra-low dispersion lenses are chemically laminated to make a single, multilayer, high-performance optical lens
- Minimizes the light reflection on the surface of multiple lenses
- Creates enhanced resolution and color contrast images, and minimizes aberrations
- Makes the images extremely crisp, even in the lowest light conditions

## PASSIONtrac™

UNIQUE OPERATING SYSTEM that ensures reliable adjustments when operating the turret

### FEATURES

- Operating system built into select GPO riflescope turrets
- Includes a simple turret disengagement feature, allowing the user to reset the turret so the zero mark located on the turret can align with the zero-indicator mark located on the scope tube body
- Turret can be easily removed without any tools
- Benefits shooters who regularly dial their turrets
- Turrets are engraved in easy-to-read MIL or MOA markings and follow MIL or MOA point-of-impact adjustments

# ACCESSORIES

GPO offers a broad variety of accessories that help your optics perform at a higher level. For a complete list and detailed description of all GPO accessories, please visit [gpo-usa.com/accessories](http://gpo-usa.com/accessories).

## RIFLESCOPE ACCESSORIES



Bubble Level



GPOBTS Ballistic  
Turret System



Turret Rings for  
select models



Sunshade Extension



Bikini Rifle Scope  
Cover

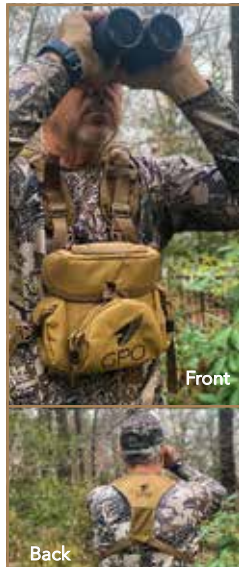


Objective Lens  
Flip Cap

## BINOCULAR ACCESSORIES



Binocular Harness  
Pro



Binocular Harness  
Ultra



Objective and  
Ocular Lens Cover



Bino Dock Binocular  
Cup Holder



Neoprene Neck  
Strap



Optic-Fit Pro  
Adapter



Universal Strap/  
Cradle Adapter



Custom-molded  
Hard Case

## OTHER ACCESSORIES



Hat, green/khaki



Hat, blaze-orange



Hat, brown/kakhi



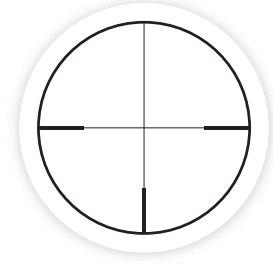
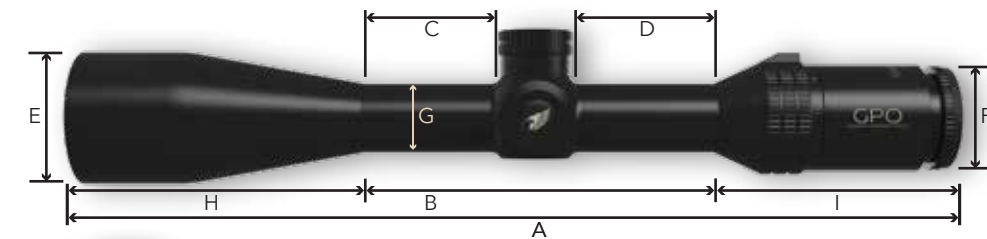
Stainless Steel Flask  
6oz



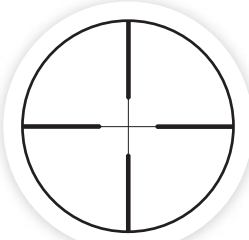
Stainless Steel Tumbler  
20oz



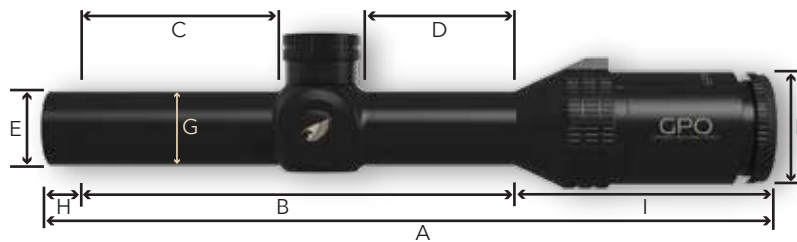
# RIFLESCOPE MEASUREMENTS AND RETICLE OPTIONS



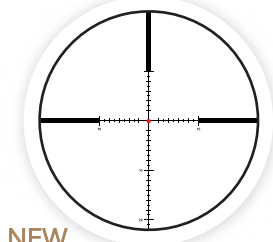
G4



Plex

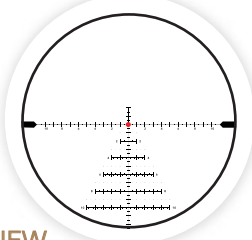


NEW



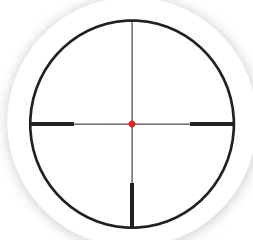
MOAi

SKU	Model	Item	Reticle	A	B	C	D	E	F	G	H	I
dimensions in inches												
R310	PASSION™ 3X	3-9x42	Plex	12	5.4	2.1	2.1	1.8	1.7	1in.	3.1	3.5
R350	PASSION™ 3X	4-12x42	Plex	12.2	5.7	2.4	2.1	1.8	1.7	1in.	3.2	3.5
R360	PASSION™ 3X	4-12x50i	Plex	12.2	5.7	2.4	2.1	1.8	1.7	1in.	3.2	3.5
R400	PASSION™ 4X	3-12x56	G4	13.4	4.8	1.6	1.9	2.2	1.8	30mm	4.4	3.7
RS420	SPECTRA™ 4X	2.5-10x44	G4	13.3	5.4	1.8	1.9	2.1	1.8	30mm	3.9	4.1
RS421	SPECTRA™ 4X	2.5-10x44i	G4i Drop	13.3	5.4	1.8	1.9	2.3	1.8	30mm	3.9	4.1
RS441	SPECTRA™ 4X	4-16x50i	G4i	14.7	6.0	2.1	2.3	2.3	1.8	30mm	4.8	4.0
RS442	SPECTRA™ 4X	4-16x50i	G4i Drop	14.7	6.0	2.1	2.3	2.5	1.8	30mm	4.8	4.0
RS560	SPECTRA™ 5X	3-15x56i	G4i	14.6	5.7	1.8	2.5	1.2	1.7	30mm	4.9	4.0
RS610	SPECTRA™ 6X	1-6x24i	G4i	11.4	6.8	3.0	2.3	1.6	1.8	30mm	0.5	4.0
RS620	SPECTRA™ 6X	1.5-9x32i	G4i	12.6	5.9	2.1	2.3	2.0	1.8	30mm	2.7	4.0
RS630	SPECTRA™ 6X	1.5-9x44i	G4i Drop	13.4	5.9	2.1	2.3	2.0	1.8	30mm	3.6	4.0
RS631	SPECTRA™ 6X	1.5-9x44i	G4i	13.4	5.9	2.1	2.3	2.0	1.8	30mm	3.6	4.0
RS640	SPECTRA™ 6X	2-12x44i	BRWi	13.4	5.6	1.8	2.3	2.3	1.8	30mm	3.8	4.0
RS650	SPECTRA™ 6X	2-12x50i	G4i	13.4	5.6	1.8	2.3	2.3	1.8	30mm	3.8	4.0
RS660	SPECTRA™ 6X	3-18x56i	BRi	14.6	5.7	1.8	2.5	2.5	1.7	30mm	4.9	4.0
RS673	SPECTRA™ 6X	4.5-27x50i	MOAi	14.1	5.6	2.2	2.0	2.3	1.8	34mm	4.8	3.8
RS800	SPECTRA™ 8X	1-8x24i	G4i	10.1	6.4	2.8	2.0	1.2	1.7	30mm	0.2	3.5
RS820	SPECTRA™ 8X	2-16x44i	G4i	12.3	5.6	2.1	2.0	2.1	1.7	30mm	3.3	3.4
RS821	SPECTRA™ 8X	2-16x44i	BRi	12.3	5.6	2.1	2.0	2.1	1.7	30mm	3.3	3.4
RS830	SPECTRA™ 8X	2.5-20x50i	G4i	14.8	6.6	2.3	2.7	2.3	1.7	30mm	4.2	4.0
RT610	GPOTAC™	1-6x24i	HSi-CQB	10.6	6.4	2.3	2.6	1.2	1.8	30mm	0.7	3.9
RT820	GPOTAC™	1-8x24i	HSi	10.7	7.0	2.5	2.7	1.3	1.8	34mm	0.7	3.3
RS831	GPOTAC™	2.5-20x50i	BRi	14.8	6.6	2.3	2.7	2.3	1.7	34mm	4.2	4.0
RS670/671	GPOTAC™	4.5-27x50i	LRiPro/PLRi	14.1	5.6	2.2	2.0	2.3	1.8	34mm	4.8	3.8

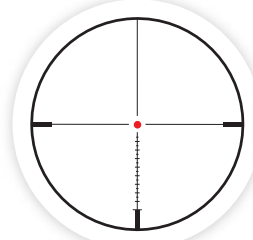


NEW

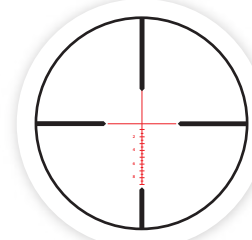
PLRi



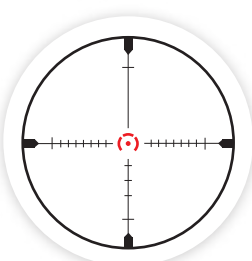
G4i



G4i Drop



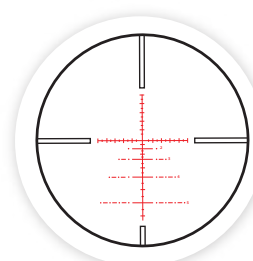
BRi



HSi-CQB



HSi



BRWi

## BINOCULARS

SKU	PASSION™ ED	Spec	Magnification	FOV FT@ 1,000y	Exit Pupil Diameter	Eye Relief	Close Focus	Interpupillary Distance	Waterproof	Prism Type	Transmission	Length	Weight
B300	8x32	Black	8X	410'	4mm	16mm	6.6 ft.	56-73mm	Yes	Schmidt-Pechan	90%	4.9"	17.6oz.
B301	8x32	Green	8X	410'	4mm	16mm	6.6 ft.	56-73mm	Yes	Schmidt-Pechan	90%	4.9"	17.6oz.
B302	8x32	Tan	8X	410'	4mm	16mm	6.6 ft.	56-73mm	Yes	Schmidt-Pechan	90%	4.9"	17.6oz.
B303	8x32	Brown	8X	410'	4mm	16mm	6.6 ft.	56-73mm	Yes	Schmidt-Pechan	90%	4.9"	17.6oz.
B320	10x32	Black	10X	316'	3.2mm	15mm	8.2 ft.	56-73mm	Yes	Schmidt-Pechan	90%	4.9"	17.6oz.
B321	10x32	Green	10X	316'	3.2mm	15mm	8.2 ft.	56-73mm	Yes	Schmidt-Pechan	90%	4.9"	17.6oz.
B322	10x32	Tan	10X	316'	3.2mm	15mm	8.2 ft.	56-73mm	Yes	Schmidt-Pechan	90%	4.9"	17.6oz.
B323	10x32	Brown	10X	316'	3.2mm	15mm	8.2 ft.	56-73mm	Yes	Schmidt-Pechan	90%	4.9"	17.6oz.
B340	8x42	Black	8X	426'	5.25mm	18mm	6.6 ft.	56-75mm	Yes	Schmidt-Pechan	90%	5.7"	26oz.
B341	8x42	Green	8X	426'	5.25mm	18mm	6.6 ft.	56-75mm	Yes	Schmidt-Pechan	90%	5.7"	26oz.
B360	10x42	Black	10X	340'	4.2mm	16mm	8.2 ft.	56-75mm	Yes	Schmidt-Pechan	90%	5.7"	26oz.
B361	10x42	Green	10X	340'	4.2mm	16mm	8.2 ft.	56-75mm	Yes	Schmidt-Pechan	90%	5.7"	26oz.
B400	8x56	Black	8X	389'	7mm	19mm	8.2 ft.	58-75mm	Yes	Abbe Kōing	92%	7.5"	40.9oz.
B420	10x56	Black	10X	352'	5.6mm	16mm	9.8 ft.	58-75mm	Yes	Abbe Kōing	92%	7.5"	41.3oz.
SKU	PASSION™ HD	Spec	Magnification	FOV FT@ 1,000y	Exit Pupil Diameter	Eye Relief	Close Focus	Interpupillary Distance	Waterproof	Prism Type	Transmission	Length	Weight
B600	8x42	Black	8X	375'	5.25mm	19.5mm	6.5 ft.	57-75mm	Yes	Schmidt-Pechan	91%	6.1"	29.3oz.
B620	10x42	Black	10X	336'	4.2mm	17.0mm	6.5 ft.	57-75mm	Yes	Schmidt-Pechan	91%	6.1"	29.6oz.
B640	8.5x50	Black	8.5X	315'	5.9mm	19.5mm	9.8 ft.	58-76mm	Yes	Schmidt-Pechan	91%	6.1"	33.2oz.
B660	10x50	Black	10X	309'	5mm	19.5mm	9.8 ft.	58-76mm	Yes	Schmidt-Pechan	91%	6.9"	33.9oz.
B680	12.5x50	Black	12.5X	286'	4mm	16.5mm	9.8 ft.	58-76mm	Yes	Schmidt-Pechan	91%	6.9"	34.1oz.

- For technical specifications on the RANGEGUIDE™, see page 6.
- For technical specifications on the RANGETRACKER™ 1800, see page 7.



# RIFLES

SKU	Model	Spec	Reticle Type	Weight oz.	Length in.	Eye Relief in.	FOV FT@ 100y	Tube size	Turret Click adj. @ 100y	Max Elev @ 100y	Max Windage	Turret	Parallax y=Yards
R310	PASSION™ 3X	3-9x42	Plex	14.1	11.7	3.75	45-17	1"	1/4"	72"	72"	GPOBTS	100y
R350	PASSION™ 3X	4-12x42	Plex	13.8	12.2	3.75	34-14	1"	1/4"	61"	61"	GPOBTS	100y
R360	PASSION™ 3X	4-12x50i	G4i	18.2	13.2	3.5	27-2-9	1"	1/4"	46"	46"	Capped	100y
R380	PASSION™ 3X	6-18x50	MOA	29.0	15	4	17-6	30mm	1/4"	103"	72"	Target	25y to Inf.
R400	PASSION™ 4X	3-12x56	G4	22.6	13.4	3.5	37-14	30mm	1cm	52"	52"	Capped	100M
R460	PASSION™ 4X	6-24x50	MOA	27.2	15.4	4	17-5	30mm	1/4"	70"	51"	Target/Custom	25y to Inf.
RS420*	SPECTRA™ 4X	2.5-10x44	G4	21.9	13.3	3.75	49-13	30mm	.1mrad or .36"	85"	85"	Capped PT™	100y
RS421*	SPECTRA™ 4X	2.5-10x44i	G4i Drop	22.6	13.3	3.75	40-13	30mm	.1mrad or .36"	85"	85"	Capped PT™	100y
RS441	SPECTRA™ 4X	4-16x50i	G4i	24.0	14.7	3.75	32-8	30mm	.1mrad or .36"	76"	76"	Capped PT™	10y to Inf.
RS442	SPECTRA™ 4X	4-16x50i	G4i Drop	24.0	14.7	3.75	32-8	30mm	.1mrad or .36"	76"	76"	Capped PT™	10y to Inf.
RS560*	SPECTRA™ 5X	3-15x56i	G4i	29.3	14.6	3.75	34-7	30mm	.1mrad or .36"	90"	90"	Capped PT™	10y to Inf.
RS610	SPECTRA™ 6X	1-6x24i	G4i	16.9	11.4	4	128-22	30mm	.1mrad or .36"	144"	144"	Capped PT™	100y
RS620	SPECTRA™ 6X	1.5-9x32i	G4i	19.5	12.6	4	86-14	30mm	.1mrad or .36"	144"	144"	Capped PT™	100y
RS630	SPECTRA™ 6X	1.5-9x44i	G4i Drop	20.3	13.3	4	86-14	30mm	.1mrad or .36"	144"	144"	Capped PT™	100y
RS640	SPECTRA™ 6X	2-12x44i	BRWi	20.3	13.4	4	65-11	30mm	.1mrad or .36"	144"	144"	Capped PT™	100y
RS650	SPECTRA™ 6X	2-12x50i	G4i	20.9	13.4	4	65-11	30mm	.1mrad or .36"	144"	144"	Capped PT™	100y
RS660*	SPECTRA™ 6X	3-18x56i	BRi	29.3	14.6	3.75	34-6	30mm	.1mrad or .36"	90"	90"	Capped PT™	10y to Inf.
RS673*	SPECTRA™ 6X	4.5-27x50i	MOAi	26.6	14.1	4	23-4	30mm	1/4"	70"	51"	lock ZSBT	10y to Inf.
RS800*	SPECTRA™ 8X	1-8x24i	G4i	17.8	10.1	3.5	123-15	30mm	.1mrad or .36"	126"	126"	Capped PT™	100y
RS820*	SPECTRA™ 8X	2-16x44i	G4i	23.9	12.3	3.5	59-8	30mm	.1mrad or .36"	105"	105"	Capped PT™	10y to Inf.
RS821*	SPECTRA™ 8X	2-16x44i	BRi	23.9	12.3	3.5	59-8	30mm	.1mrad or .36"	105"	105"	Capped PT™	10y to Inf.
RS830	SPECTRA™ 8X	2.5-20x50i	G4i	25.3	14.8	3.5	48-6	30mm	.1mrad or .36"	94"	94"	Capped PT™	10y to Inf.
RT610	GPOTAC™	1-6x24i	HSi-CQB	19.8	10.6	4	113-19	30mm	.1milrad	84"	84"	mrad BT	100y
RT820	GPOTAC™	1-8x24i	HSi	27.0	10.7	3.75	107-13	34mm	.1milrad	105"	105"	mrad-lock BT	100y
RS831	GPOTAC™	2.5-20x50i	BRi	25.3	14.8	3.5	49-6	34mm	.1milrad	94"	94"	mrad BT	10y to Inf.
RS670*	GPOTAC™	4.5-27x50i	LRI Pro	31.8	14.1	4	23-4	34mm	.1milrad	115"	115"	mrad-lock ZSBT	10y to Inf.
RS671*	GPOTAC™	4.5-27x50i	PLRI	31.8	14.1	4	23-4	34mm	.1milrad	115"	115"	mrad-lock ZSBT	10y to Inf.

\*Removable magnification throw lever

■ For technical specifications on the SPECTRA DOT™ and SPECTRA REFLEX DOT™ see page 14.

# CONSERVATION

## WE FIGHT. WE SUPPORT. WE CARE.

The leadership of every organization believes in something. GPO, USA believes in you. Your interest in our products defines you as an outdoor enthusiast, someone who loves nature, conservation, and this beautiful country where you can enjoy your outdoor passion. Therefore, GPO, USA will proudly donate a portion of the proceeds from every sale to select organizations that persistently fight to preserve your way of life.



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