

TECHNICAL SPECIFICATIONS

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 Koenig	92%	7.5"	40.9oz.
B420	10x56	Black	10X	352'	5.6mm	16mm	9.8 ft.	58-75mm	Yes	Abbe Koenig	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.

RIFLESCOPES

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 PTM	100y
RS421*	SPECTRA™ 4X	2.5-10x44i	G4i Drop	22.6	13.3	3.75	40-13	30mm	.1mrad or .36"	85"	85"	Capped PTM	100y
RS441	SPECTRA™ 4X	4-16x50i	G4i	24.0	14.7	3.75	32-8	30mm	.1mrad or .36"	76"	76"	Capped PTM	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 PTM	10y to Inf.
RS560*	SPECTRA™ 5X	3-15x56i	G4i	29.3	14.6	3.75	34-7	30mm	.1mrad or .36"	90"	90"	Capped PTM	10y to Inf.
RS610	SPECTRA™ 6X	1-6x24i	G4i	16.9	11.4	4	128-22	30mm	.1mrad or .36"	144"	144"	Capped PTM	100y
RS620	SPECTRA™ 6X	1.5-9x32i	G4i	19.5	12.6	4	86-14	30mm	.1mrad or .36"	144"	144"	Capped PTM	100y
RS630	SPECTRA™ 6X	1.5-9x44i	G4i Drop	20.3	13.3	4	86-14	30mm	.1mrad or .36"	144"	144"	Capped PTM	100y
RS640	SPECTRA™ 6X	2-12x44i	BRWi	20.3	13.4	4	65-11	30mm	.1mrad or .36"	144"	144"	Capped PTM	100y
RS650	SPECTRA™ 6X	2-12x50i	G4i	20.9	13.4	4	65-11	30mm	.1mrad or .36"	144"	144"	Capped PTM	100y
RS660*	SPECTRA™ 6X	3-18x56i	BRI	29.3	14.6	3.75	34-6	30mm	.1mrad or .36"	90"	90"	Capped PTM	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 PTM	100y
RS820*	SPECTRA™ 8X	2-16x44i	G4i	23.9	12.3	3.5	59-8	30mm	.1mrad or .36"	105"	105"	Capped PTM	10y to Inf.
RS821*	SPECTRA™ 8X	2-16x44i	BRI	23.9	12.3	3.5	59-8	30mm	.1mrad or .36"	105"	105"	Capped PTM	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 PTM	10y to Inf.
RT610	GPOTACTM	1-6x24i	HSI-CQB	19.8	10.6	4	113-19	30mm	.1 milrad	84"	84"	mrad BT	100y
RT820	GPOTACTM	1-8x24i	HSI	27.0	10.7	3.75	107-13	34mm	.1 milrad	105"	105"	mrad-lock BT	100y
RS831	GPOTACTM	2.5-20x50i	BRI	25.3	14.8	3.5	49-6	34mm	.1 milrad	94"	94"	mrad BT	10y to Inf.
RS670*	GPOTACTM	4.5-27x50i	LRI Pro	31.8	14.1	4	23-4	34mm	.1 milrad	115"	115"	mrad-lock ZSBT	10y to Inf.
RS671*	GPOTACTM	4.5-27x50i	PLRI	31.8	14.1	4	23-4	34mm	.1 milrad	115"	115"	mrad-lock ZSBT	10y to Inf.

SPECTRA™ DOT AND

SPECTRA REFLEX DOT™

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

GPOTAC™ 45

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

RANGEGUIDE™

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

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	Mber	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