

BINOCULAR SPECIFICATIONS



[FULL SIZE ROOF PRISMS]

	KAIBAB RAZOR						VIPER						
	15x56	12x50	10x50	8.5x50	10x42	8x42	15x50	10x50	8.5x50	12x42	10x42	8x42	10x50 R/T
Magnification	15x	12x	10x	8.5x	10x	8x	15x	10x	8.5x	12x	10x	8x	10x
Objective Lens	56 mm	50 mm	50 mm	50 mm	42 mm	42 mm	50 mm	50 mm	50 mm	42 mm	42 mm	42 mm	50 mm
Weight	44.0 oz	37.7 oz	37.7 oz	37.0 oz	29.8 oz	29.4 oz	27.2 oz	27.2 oz	28.7 oz	23.2 oz	23.4 oz	23.0 oz	27.2 oz
Height x Width	7.7 x 5.7"	7.5 x 5.8"	7.5 x 5.8"	7.5 x 5.8"	6.5 x 5.5"	6.5 x 5.5"	6.7 x 5.2"	6.7 x 5.2"	7.0 x 5.2"	5.8 x 5.3"	5.8 x 5.3"	5.8 x 5.3"	6.7 x 5.2"
Close Focus	23.0'	9.8'	9.8'	9.8'	8.2'	8.2'	8.2'	8.2'	9.8'	5.1'	5.1'	5.1'	8.2'
Field of View (1000 yards)	226'	274'	329'	358'	325'	410'	210'	278'	305'	267'	319'	347'	278'
Angular Field of View	4.3°	5.2°	6.3°	6.8°	6.2°	7.8°	4.0°	5.3°	5.8°	5.1°	6.1°	6.6°	5.3°
Eye Relief	17.4 mm	17 mm	17 mm	18 mm	16 mm	18 mm	16 mm	19.5 mm	19.4 mm	15.8 mm	16.5 mm	20 mm	20 mm
Evécup Style	Twist	Twist	Twist	Twist	Twist	Twist	Twist	Twist	Twist	Twist	Twist	Twist	Fold-down

Interpupillary Distance	60-74 mm	56-76 mm	56-76 mm	56-76 mm	56-76 mm	56-76 mm	59-75 mm	59-75 mm	59-75 mm	59-75 mm	59-75 mm	59-75 mm	59-75 mm
Waterproof	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FogProof (Gas Purged)	Argon	Argon	Argon	Argon	Argon	Argon	Argon	Argon	Argon	Argon	Argon	Argon	Argon
ArmorTek	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	✓
Lens Coatings	XR FMC	XR FMC	XR FMC	XR FMC	XR FMC	XR FMC	XR FMC	XR FMC	XR FMC	XR FMC	XR FMC	XR FMC	XR FMC
Phase Corrected	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tripod Adaptable	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VIP Unconditional Warranty	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



[MID SIZE ROOF PRISMS]

	VIPER			FURY			DIAMONDBACK		SPITFIRE		CROSSFIRE	
	10x32	8x32	6x32	10x32	8x32	6.5x32	9x36	7x36	10x32	8.5x32	10x32	8x32
Magnification	10x	8x	6x	10x	8x	6.5x	9x	7x	10x	8.5x	10x	8x
Objective Lens	32 mm	32 mm	32 mm	32 mm	32 mm	32 mm	36 mm	36 mm	32 mm	32 mm	32 mm	32 mm
Weight	19.4 oz	19.4 oz	19.4 oz	22.0 oz	22.0 oz	22.0 oz	22.6 oz	23.4 oz	16.9 oz	17.2 oz	17.0 oz	17.4 oz
Height x Width	5.0 x 5.0"	4.9 x 4.8"	4.9 x 4.8"	5.3 x 5.4"	5.3 x 5.4"	5.3 x 5.4"	5.1 x 4.8"	5.1 x 4.8"	4.3 x 5.1"	4.3 x 5.0"	5.5 x 5.0"	5.5 x 5.0"
Close Focus	3.3'	3.0'	3.0'	4.9'	4.9'	4.9'	6.6'	5.9'	5'	5'	16'	16'
Field of View (1000 yards)	325'	400'	420'	336'	412'	445'	368'	418'	289'	394'	315'	394'
Angular Field of View	6.2°	7.6°	8.0°	6.4°	7.8°	8.5°	7.0°	8.0°	5.5°	7.5°	6.0°	7.5°
Eye Relief	15 mm	16.0 mm	19.5 mm	15 mm	16 mm	21 mm	15.7 mm	20.9 mm	15 mm	16 mm	16 mm	16 mm
Evécup Style	Twist	Twist	Twist	Twist	Twist	Twist	Twist	Twist	Twist	Twist	Twist	Twist
Interpupillary Distance	59-75 mm	59-75 mm	59-75 mm	55-76 mm	55-76 mm	55-76 mm	56-74 mm	56-74 mm	59-76 mm	59-76 mm	59-77 mm	59-77 mm
Waterproof	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FogProof (Gas Purged)	Argon	Argon	Argon	Argon	Argon	Argon	Argon	Argon	Nitrogen	Nitrogen	Nitrogen	Nitrogen
ArmorTek	—	—	—	—	—	—	—	—	—	—	—	—
Lens Coatings	XR FMC	XR FMC	XR FMC	XR FMC	XR FMC	XR FMC	FMC	FMC	FMC	FMC	FMC	FMC
Phase Corrected	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—
Tripod Adaptable	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VIP Unconditional Warranty	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



[FULL SIZE ROOF PRISMS]

	TALON	VULTURE		FURY			DIAMONDBACK					CROSSFIRE	
	8-16x42	10x56	8x56	12.5x42	10x42	8x42	12x50	10x50	8.5x50	10x42	8x42	10x42	8x42
10x	10x	10x	8x	12.5x	10x	8x	12x	10x	8.5x	10x	8x	10x	8x
42 mm	56 mm	56 mm	56 mm	42 mm	42 mm	42 mm	50 mm	50 mm	50 mm	42 mm	42 mm	42 mm	42 mm
30.5 oz	39.2 oz	39.2 oz	39.2 oz	25.7 oz	25.7 oz	25.7 oz	31.0 oz	31.0 oz	31.0 oz	24.4 oz	25.2 oz	21.6 oz	22.0 oz
6.5 x 5.1"	6.4 x 5.8"	6.4 x 5.8"	6.4 x 5.8"	6.0 x 5.4"	6.0 x 5.4"	6.0 x 5.4"	6.8 x 5.6"	6.8 x 5.6"	6.9 x 5.6"	5.9 x 5.6"	5.9 x 5.6"	5.8 x 5.0"	6.0 x 5.0"
5'	9.8'	9.8'	9.8'	4.9'	4.9'	4.9'	9'	9'	9'	5'	4.5'	6'	6'
265-190'	320'	328'	328'	268'	332'	358'	241'	283'	283'	345'	420'	315'	315'
5.1-3.6°	6.1°	6.3°	6.3°	5.1°	6.3°	6.8°	4.6°	5.4°	5.4°	6.6°	8.0°	6.0°	6.0°
19.3-25 mm	18.2 mm	23 mm	23 mm	14.5 mm	15 mm	20 mm	18 mm	19 mm	21.5 mm	16 mm	18 mm	16 mm	19 mm
Twist	Twist	Twist	Twist	Twist	Twist	Twist	Twist	Twist	Twist	Twist	Twist	Twist	Twist
54-75 mm	57-73 mm	57-73 mm	57-73 mm	55-76 mm	55-76 mm	55-76 mm	61-74 mm	61-74 mm	61-74 mm	57-73 mm	57-73 mm	59-75 mm	59-75 mm
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Argon	Argon	Argon	Argon	Argon	Argon	Argon	Argon	Argon	Argon	Argon	Argon	Nitrogen	Nitrogen
✓	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
XR FMC	XR FMC	XR FMC	XR FMC	XR FMC	XR FMC	XR FMC	FMC	FMC	FMC	FMC	FMC	FMC	FMC
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	—
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



[PORRO PRISMS]

[COMPACT ROOF PRISMS]

	HURRICANE R/T	RAPTOR		VANQUISH		VIPER			DIAMONDBACK	
	8x30 R/T w/compass	8.5x32	6.5x32	10x26	8x26	10x28	8x28	8x28 R/T	10x28	8x28
	8x	8.5x	6.5x	10x	8x	10x	8x	8x	10x	8x
	30mm	32mm	32mm	26 mm	26 mm	28 mm	28 mm	28 mm	28 mm	28 mm
	20.5 oz.	17.3 oz	17.3 oz.	12.7 oz	12.7 oz	12.0 oz	11.8 oz	11.8 oz	14.0 oz	14.0 oz
	4.3 x 6.9"	4.5 x 5.7"	4.5 x 5.7"	4.7 x 4.4"	4.7 x 4.4"	4.7 x 4.5"	4.7 x 4.5"	4.7 x 4.5"	4.8 x 4.5"	4.8 x 4.5"
	10'	15'	15'	7.6'	7.6'	7.5'	7.5'	7.5'	13.1'	13.1'
	430'	390'	410'	294'	352'	267'	319'	319'	300'	360'
	8x30 R/T w/compass	8.5x32	6.5x32	10x26	8x26	10x28	8x28	8x28 R/T	10x28	8x28
	8x	8.5x	6.5x	10x	8x	10x	8x	8x	10x	8x
	30mm	32mm	32mm	26 mm	26 mm	28 mm	28 mm	28 mm	28 mm	28 mm
	20.5 oz.	17.3 oz	17.3 oz.	12.7 oz	12.7 oz	12.0 oz	11.8 oz	11.8 oz	14.0 oz	14.0 oz
	4.3 x 6.9"	4.5 x 5.7"	4.5 x 5.7"	4.7 x 4.4"	4.7 x 4.4"	4.7 x 4.5"	4.7 x 4.5"	4.7 x 4.5"	4.8 x 4.5"	4.8 x 4.5"
	10'	15'	15'	7.6'	7.6'	7.5'	7.5'	7.5'	13.1'	13.1'
	430'	390'	410'	294'	352'	267'	319'	319'	300'	360'
	8.2°	7.4°	7.8°	5.6°	6.7°	5.1°	6.1°	6.1°	5.7°	6.9°
	12 mm	14 mm	20 mm	16 mm	15 mm	19 mm	20 mm	20 mm	16 mm	19.3 mm
n	Fold-down	Twist	Twist	Twist	Twist	Twist	Twist	Fold-down	Twist	Twist
m	57-74 mm	50-70 mm	50-70 mm	57-71 mm	57-71 mm	56-73 mm	56-73 mm	56-73 mm	56-74 mm	56-74 mm
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Argon	Nitrogen	Nitrogen	Nitrogen	Nitrogen	Argon	Argon	Argon	Argon	Argon
	—	—	—	—	—	—	—	✓	—	—
	FMC	FMC	FMC	FMC	FMC	XR FMC	XR FMC	XR FMC	FMC	FMC
	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓
	✓	—	—	—	—	—	—	—	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓