

TECHNICAL SPECIFICATIONS



Prism type:	.	Schmidt-Pechan	Schmidt-Pechan	Abbe-König	Abbe-König	Schmidt-Pechan	Schmidt-Pechan
Magnification:	.	8x	10x	8x	10x	8x	10x
Field of view (FOV) ft at 1000y:	.	420	316	386	342	428	342
Field of view (FOV) m at 1000m:	.	139	104	129	114	143	114
Objective diameter (mm):	Effective diameter	32	32	56	56	42	42
Ocular diameter (mm):	Effective diameter	18	18	23,7	23,7	23,7	23,7
Exit pupil diameter (mm):	Measurement of the pupillary ocular beam	4	3,28	7	5,6	5,25	4,2
Eye Relief (inches):	From the last optical surface	0,63	0,59	0,7	0,7	0,7	0,63
Eye Relief (mm):	From the last optical surface	16	15	20	20	18	16
Housing:	Main body and hinge	magnesium	magnesium	magnesium	magnesium	magnesium	magnesium
Close focus (feet):	Shortest focal distance	6,6	7,2	7,5	8,2	5,9	6,6
Close focus (meters):	Shortest focal distance	2	2,2	2,3	2,5	1,8	2
Interpupillary Distance (IPD):	Center pupil to center pupil measurement	56-73	56-73	57-75	57-75	56-75	56-75
Dioptric compensation range:	.	-2.5, +2.5	-2.5, +2.5	-2.5, +2.5	-2.5, +2.5	-2.5, +2.5	-2.5, +2.5
Waterproof:	Mbars	100	100	100	100	100	100
Transmission Daylight:	ISO 14490-5:2005	90%	90%	92%	91%	90%	90%
Height (inches):	Without covers	1,7	1,7	2,6	2,6	2,2	2,2
Height (mm):	Without covers	44	44	67	67	55	55
Weight (ounces):	Without covers	18,3	17,6	.	.	26,1	25,5
Weight (grams):	Without covers	520	500	.	.	740	725
Length (inches):	At outside diameter	4,6	4,6	7,5	7,5	5,4	5,4
Length (mm):	At outside diameter	118	118	192	192	138	138
Width (inches):	Fully extended	4,6	4,6	6,2	6,2	5	5
Width (mm):	Fully extended	118	118	158	158	127	127
Accessories included with this purchase:	.	instruction manual, cleaning cloth, hard case, neoprene neck strap, hard case strap, objective covers, ocular covers	instruction manual, cleaning cloth, hard case, neoprene neck strap, hard case strap, objective covers, ocular covers	instruction manual, cleaning cloth, hard case, neoprene neck strap, hard case strap, objective covers, ocular covers	instruction manual, cleaning cloth, hard case, neoprene neck strap, hard case strap, objective covers, ocular covers	instruction manual, cleaning cloth, hard case, neoprene neck strap, hard case strap, objective covers, ocular covers	instruction manual, cleaning cloth, hard case, neoprene neck strap, hard case strap, objective covers, ocular covers