

# TECHNICAL SPECIFICATIONS



PASSION™ 8x42HD



PASSION™ 10x42HD



PASSION™ 8,5x50HD



PASSION™ 10x50HD



PASSION™ 12,5x50HD

Prism type:	.	Schmidt-Pechan	Schmidt-Pechan	Schmidt-Pechan	Schmidt-Pechan	Schmidt-Pechan
Magnification:	.	8x	10x	8,5x	10x	12,5x
Field of view (FOV) ft at 1000y:	.	375	336	315	309	286
Field of view (FOV) m at 1000m:	.	125	112	105	103	92
Objective diameter (mm):	Effective diameter	42	42	50	50	50
Ocular diameter (mm):	Effective diameter	42,2	42,2	42,2	42,2	42,2
Exit pupil diameter (mm):	Measurement of the pupillary ocular beam	5,25	4,2	5,88	5	4
Eye Relief (inches):	From the last optical surface	0,77	0,67	0,67	0,67	0,67
Eye Relief (mm):	From the last optical surface	19,5	17	17	17	17
Housing:	Main body and hinge	magnesium	magnesium	magnesium	magnesium	magnesium
Close focus (feet):	Shortest focal distance	6,5	6,5	9,8	9,2	8,2
Close focus (meters):	Shortest focal distance	2	2	3	2,8	2,5
Interpupillary Distance (IPD):	Center pupil to center pupil measurement	57-75	57-75	58-76	58-76	58-76
Dioptric compensation range:	.	-2.5, +2.5	-2.5, +2.5	-2.5, +2.5	-2.5, +2.5	-2.5, +2.5
Waterproof:	Mbars	300	300	300	300	300
Transmission Daylight:	ISO 14490-5:2005	91%	91%	91%	91%	91%
Height (inches):	Without covers	2,2	2,2	2,5	2,5	2,5
Height (mm):	Without covers	56	56	64	64	64
Weight (ounces):	Without covers	29,9	30,3	33,5	33,8	34,2
Weight (grams):	Without covers	850	860	950	960	970
Length (inches):	At outside diameter	6,1	6,1	6,9	6,9	6,9
Length (mm):	At outside diameter	156	156	175	175	175
Width (inches):	Fully extended	5,1	5,1	5,3	5,3	5,3
Width (mm):	Fully extended	130	130	135	135	135
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