



Binoculars	18 x 50 IS ALL WEATHER	15 x 50 IS ALL WEATHER	12 x 36 IS	10 x 30 IS	8 x 25 IS	8 x 32 WP	8 x 23 AWP	10 x 25A	8 x 22A	8 x 23A	7 x 17FC	5 x 17FC
Magnification (x)	18	15	12	10	8	8	8	10	8	8	7	5
Objective lens effective diameter (mm)	50	50	36	30	25	32	23	25	22	23	17	17
Real field of view (°)	3.7	4.5	5.6	6	6.6	7.5	6.4	5.2	6.4	6.4	6.5	9
Pupil diameter (mm)	2.8	3.3	3	3	?	4	2.9	2.5	2.8	2.9	2.4	3.4
Eye relief	15	15	15	14.5	13.5	18	11	11	11	11	15.5	16
Closest focusing distance (m)	6	6	3.7	4.2	3.5	6	3	3	3	3	1.5	1.4
Eye width adjustment	58 - 76	58 - 76	60 - 70	55 - 75	56 - 72	54 - 75	57 - 74	33 - 72.5	33 - 72.5	56.5 - 73	57 - 70	57 - 70
Dimensions (WxHxD mm.)	152 x 193 x 81	152 x 193 x 81	141 x 169 x 73	127 x 150 x 70	?	136 x 145 x 54.5	123 x 108 x 60	66 x 107 x 45	66 x 107 x 45	104 x 100 x 48	91 x 60 x 25	91 x 60 x 25
Weight (g.)	1,180	1,180	890	600	?	730	400	310	300	250	180	180
Prism type	Porro prism	Porro prism	Roof prism	Porro prism	?	Roof prism	Porro prism	Roof prism	Roof prism	Porro prism	Roof prism	Roof prism
Image Stabilizer	●	●	●	●	●	●	-	-	-	-	-	-
Field flattener lens	● (2)	● (2)	● (2)	● (2)	?	● (1)	-	-	-	-	-	-
UD element	●	●	●	-	?	●	-	-	-	-	-	-
Aspherical element	-	-	-	-	?	-	●	●	●	●	-	-
Waterproof design	●	●	▲ (Water resistant)	-	?	-	●	-	-	-	-	-
Click-stop dioptic correction	-	-	-	-	?	●	●	-	-	-	-	-

● The dimensions apply to the binoculars' collapsed state. ● The weight of IS-series binoculars does not include the battery weight. ● Image Stabilizer continuous operation time: 18x50 IS/15x50 IS ALL WEATHER at 25°C/-10°C(77°F/32°F): 2.5 hours/10 min. with alkaline batteries or 8 hours/3.5 hours with lithium batteries. 12x36 IS at 25°C/-10°C(77°F/32°F): 1.5 hours/5 min. with alkaline batteries or 7 hours/3 hours with lithium batteries. 10x30 IS at 25°C/-10°C(77°F/32°F): 4 hours/20 min. with alkaline batteries or 12 hours/5 hours with lithium batteries. 8x25 IS at 25°C/-10°C(77°F/32°F): 6 hours/?? min. with lithium batteries. ● The 18x50 IS/15x50 IS ALL WEATHER can use 58mm filters. The 12x36 IS can use 43mm filters screwed on to the front of the objective lens. Various filters can be attached as necessary. ● The 18x50 IS/15x50 IS ALL WEATHER can be used in heavy rain. The 12x36 IS can be used in light rain. The 8x32 WP and 8x23AWP Waterproof binoculars can withstand water for 5 min. down to a depth of 1 meter/3.3 feet (underwater use is not possible).