



	RS.1		RS.2		RS.3 (MOA)		(MIL)		RS.4 (MOA)		(MIL)		RS.5 (MOA)		(MIL)	
Focal plane	First		Second		First				First				Second			
Magnification range	2.5x - 15x		2x - 10x		5x - 30x				5x - 30x				4x - 24x			
Obj. lens diameter	44mm		38mm		50mm				56mm				50mm			
Tube diameter	30mm / 1.18in		25.4mm / 1in		30mm / 1.18in				34mm / 1.34in				30mm / 1.8in			
Objective outer diameter	52mm		45mm		59mm				65mm				59mm			
Eyepiece outer diameter	43.6mm		39.5mm		43.6mm				42mm				43.6mm			
Overall length	357mm / 14.05in		316mm / 12.44in		331mm / 13.03in				325mm / 12.79in				366mm / 14.41in			
Weight (without battery)	24.5oz / 694.5g		12.4oz / 351.5g		26.9oz / 764g				35.4oz / 1004g				25.5oz / 723g			
Internal adjustment range (MOA/MIL)																
Total Travel Elevation	100 MOA		50 MOA		80 MOA		23 MIL		120 MOA		48 MIL		100 MOA		29 MIL	
Total Travel Windage	70 MOA		50 MOA		50 MOA		14.8 MIL		50 MOA		20 MIL		70 MOA		20.3 MIL	
Click value	0.250 MOA		0.250 MOA		0.250 MOA		0.1 MIL		0.250 MOA		0.1 MIL		0.250 MOA		0.1 MIL	
Adjustment per turret revolution	20 MOA		12 MOA		15 MOA		6 MIL		25 MOA		10 MIL		20 MOA		10 MIL	
Parallax adjustment	10y - Infinity		150y		20y - Infinity				15y - Infinity				10y - Infinity			
Exit pupil diameter	@2.5x: 28.5mm	@15x: 2.93mm	@2x: 12.1mm	@10x: 3.8mm	@5x: 8.9mm	@30x: 1.7mm			@5x: 8.9mm	@30x: 1.9mm			@4x: 8.5mm	@24x: 2.1mm		
Eye relief	@2.5x: 86-100mm	@15x: 86-100mm	@2x: 60-79mm	@10x: 60-81mm	@5x: 76-96mm	@30x: 86-96mm			@5x: 78-92mm	@30x: 86-92mm			@4x: 77-98mm	@24x: 86-98mm		
Field of view @100y	@2.5x: 41.7ft	@15x: 7.0ft	@2x: 41.2ft	@10x: 10.5ft	@5x: 22.2ft	@30x: 3.7ft			@5x: 23.3ft	@30x: 3.9ft			@4x: 27.8ft	@24x: 4.6ft		
Front/Rear mounting length	F: 54.5mm	R: 59.5mm	F: 44.7mm	R: 69mm	F: 45mm	R: 62.6mm			F: 61mm	R: 42mm			F: 53mm	R: 52mm		
Effective objective lens diameter	@2.5x: 28.5mm	@15x: 44.0mm	@2x: 28.5mm	@10x: 38.0mm	@5x: 44.5mm	@30x: 50mm			@5x: 44.5mm	@30x: 56mm			@4x: 34.5mm	@24x: 50.0mm		
Field of view	@2.5x: 7.95°	@15x: 1.35°	@2x: 7.83°	@10x: 1.56°	@5x: 4.24°	@30x: 0.71°			@5x: 4.46°	@30x: 0.74°			@4x: 5.31°	@24x: 0.88°		
Field of view, apparent	@2.5x: 19.7°	@15x: 20.0°	@2x: 15.6°	@10x: 15.6°	@5x: 21°	@30x: 21°			@5x: 22°	@30x: 22°			@4x: 21°	@24x: 21°		
Diopter correction (dpt)	+/-2		+/-2		+/-3				+/-3				+/-3			
Light transmission	89.00%		95.00%		90.00%				91.84%				90.10%			
Twilight Factor	@2.5x: 8.4	@15x: 25.7	@2x: 7.9	@10x: 19.5	@5x: 14.9	@30x: 38.7			@5x: 16.73	@30x: 40.98			@4x: 14.1	@24x: 34.64		
Functional temperature	-4°~158° F		-4°~158° F		-4°~158° F				-4°~158° F				-4°~158° F			
Submersion tightness / waterproof rating	3m depth		3m depth		3m depth				3m depth				3m depth			
Gas purged	Nitrogen		Nitrogen		Nitrogen				Nitrogen				Nitrogen			
Reticle construction	Etched Glass		Wire		Etched Glass				Etched Glass				Etched Glass			
Reticle options	MOA / SHR		DUP / SHR		MOA-2 / SHR-W		SHR-MIL		MOA-2 / SHR-W		SHR-W / CFR-MIL		SHR-W		SHR-MIL	
Illuminated reticle	No		No		No				Yes		Red / Green		Yes		Red	
Origin	Made in Japan		Made in Japan		Made in Japan				Made in Japan				Made in Japan			