



	RS.1		RS.2		RS.3 (MOA) (MIL)			RS.4 (MOA) (MIL)		
Focal plane	First		Second		First			First		
Magnification range	2.5x - 15x		2x - 10x		5x - 30x			5x - 30x		
Obj. lens diameter	44mm		38mm		50mm			56mm		
Tube diameter	30mm / 1.8in		25.4mm / 1in		30mm / 1.8in			34mm / 1.34in		
Objective outer diameter	52mm		45mm		59mm			65mm		
Eyepiece outer diameter	43.6mm		39.5mm		43.6mm			42mm		
Overall length	357mm / 14.05in		316mm / 12.44in		331mm / 13.03in			325mm / 12.79in		
Weight (without battery)	24.5oz / 694.5g		12.4oz / 351.5g		26.9oz / 764g			35.4oz / 1004g		
Internal adjustment range (MOA/MIL)										
Total Travel Elevation	100 MOA		50 MOA		80 MOA 23 MIL			120 MOA 48 MIL		
Total Travel Windage	70 MOA		50 MOA		50 MOA 14.8 MIL			50 MOA 20 MIL		
Click value	0.250 MOA		0.250 MOA		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		
Parallax adjustment	10y - Infinity		150y		20y - Infinity			15y - 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		
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		
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		
Front/Rear mounting length	F: 54.5mm	R: 59.5mm	F: 44.7mm	R: 69mm	F: 45mm	R: 62.6mm	F: 61mm	R: 42mm		
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		
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°		
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°		
Diopter correction (dpt)	+/-2		+/-2		+/-3			+/-3		
Light transmission	89.00%		95.00%		90.00%			91.84%		
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		
Functional temperature	-4°~158° F		-4°~158° F		-4°~158° F			-4°~158° F		
Submersion tightness / waterproof rating	3m depth		3m depth		3m depth			3m depth		
Gas purged	Nitrogen		Nitrogen		Nitrogen			Nitrogen		
Reticle construction	Etched Glass		Wire		Etched Glass			Etched Glass		
Reticle options	MOA / SHR		DUP / SHR		MOA-2 / SHR-W	SHR-MIL	MOA-2 / SHR-W		SHR-MIL / CFR-MIL	
Illuminated reticle	No		No		No			Yes	Red / Green	
Origin	Made in Japan		Made in Japan		Made in Japan			Made in Japan		