



	RS.1		RS.2		RS.3 (MOA)		(MIL)		RS3.2 (MOA)		(MIL)		RS.4 (MOA)		(MIL)		RS.5 (MOA)		(MIL)		CRS.1		CRS.2	
Focal plane	First		Second		First				First				First				Second				Second		Second	
Magnification range	2.5x - 15x		2x - 10x		5x - 30x				5x - 30x				5x - 30x				4x - 24x				3x - 12x		4x - 16x	
Obj. lens diameter	44mm		38mm		50mm				50mm				56mm				50mm				40mm		44mm	
Tube diameter	30mm / 1.18in		25.4mm / 1in		30mm / 1.18in				30mm / 1.18in				34mm / 1.34in				30mm / 1.8in				25.4mm / 1in		25.4mm / 1in	
Objective outer diameter	52mm		45mm		59mm				59mm				65mm				59mm				47.7mm		52.6mm	
Eyepiece outer diameter	43.6mm		39.5mm		43.6mm				43.6mm				42mm				43.6mm				41.1mm		39.4mm	
Overall length	357mm / 14.05in		316mm / 12.44in		331mm / 13.03in				331mm / 13.03in				325mm / 12.79in				366mm / 14.41in				316mm / 12.44in		295mm / 11.61in	
Weight (without battery)	24.5oz / 694.5g		12.4oz / 351.5g		26.9oz / 764g				27.8oz / 764g				35.4oz / 1004g				25.5oz / 723g				14.8oz / 402g		16.93oz / 480g	
Internal adjustment range (MOA/MIL)																								
Total Travel Elevation	100 MOA		50 MOA		80 MOA		23 MIL		80 MOA		23 MIL		120 MOA		35.5 MIL		100 MOA		29 MIL		50 MOA		36 MOA	
Total Travel Windage	70 MOA		50 MOA		50 MOA		14.8 MIL		50 MOA		14.8 MIL		50 MOA		20 MIL		70 MOA		20.3 MIL		50 MOA		36 MOA	
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		0.250 MOA		0.1 MIL		0.250 MOA		0.250 MOA	
Adjustment per turret revolution	20 MOA		12 MOA		15 MOA		6 MIL		15 MOA		6 MIL		25 MOA		10 MIL		20 MOA		10 MIL		18 MOA		18 MOA	
Parallax adjustment	10y - Infinity		150y		20y - Infinity				20y - Infinity				15y - Infinity				10y - Infinity				100y		25y - 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: 1.7mm			@5x: 8.9mm	@30x: 1.9mm			@4x: 8.5mm	@24x: 2.1mm			@3x: 13.2mm	@12x: 3.4mm	@4x: 9.3mm	@16x: 2.8mm
Eye relief	@2.5x: 86-100mm	@15x: 86-100mm	@2x: 60-79mm	@10x: 60-81mm	@5x: 76-96mm	@30x: 86-96mm			@5x: 76-96mm	@30x: 86-96mm			@5x: 78-92mm	@30x: 86-92mm			@4x: 77-98mm	@24x: 86-98mm			@3x: 52-79mm	@12x: 62-82mm	@4x: 65-88mm	@16x: 63-80mm
Field of view @100y	@2.5x: 41.7ft	@15x: 7.0ft	@2x: 41.2ft	@10x: 10.5ft	@5x: 22.2ft	@30x: 3.7ft			@5x: 22.2ft	@30x: 3.7ft			@5x: 23.3ft	@30x: 3.9ft			@4x: 27.8ft	@24x: 4.6ft			@3x: 34ft	@12x: 8.5ft	@4x: 25.6ft	@16x: 6.4ft
Front/Rear mounting length	F: 54.5mm	R: 59.5mm	F: 44.7mm	R: 69mm	F: 45mm	R: 62.6mm			F: 45mm	R: 62.6mm			F: 61mm	R: 42mm			F: 53mm	R: 52mm			F: 60mm	R: 62.9mm	F: 50.8mm	R: 56.9mm
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: 50mm			@5x: 44.5mm	@30x: 56mm			@4x: 34.5mm	@24x: 50.0mm			@3x: 40.0mm	@12x: 40.0mm	@4x: 37.3mm	@16x: 44mm
Field of view	@2.5x: 7.95°	@15x: 1.35°	@2x: 7.83°	@10x: 1.56°	@5x: 4.24°	@30x: 0.71°			@5x: 4.24°	@30x: 0.71°			@5x: 4.46°	@30x: 0.74°			@4x: 5.31°	@24x: 0.88°			@3x: 6.49°	@12x: 1.62°	@4x: 4.88°	@16x: 1.22°
Field of view, apparent	@2.5x: 19.7°	@15x: 20.0°	@2x: 15.6°	@10x: 15.6°	@5x: 21°	@30x: 21°			@5x: 21°	@30x: 21°			@5x: 22°	@30x: 22°			@4x: 21°	@24x: 21°			@3x: 19.3°	@12x: 19.3°	@4x: 19.5°	@16x: 19.5°
Diopter correction (dpt)	+/-2		+/-2		+/-3				+/-3				+/-3				+/-3				+/-2		+/-2	
Light transmission	89.00%		95.00%		90.00%				90.00%				91.84%				90.10%				88.00%		88.00%	
Twilight Factor	@2.5x: 8.4	@15x: 25.7	@2x: 7.9	@10x: 19.5	@5x: 14.9	@30x: 38.7			@5x: 14.9	@30x: 38.7			@5x: 16.73	@30x: 40.98			@4x: 14.1	@24x: 34.64			@3x: 10.95	@12x: 20.91	@4x: 13.27	@16x: 26.53
Functional temperature	-4°~158° F		-4°~158° F		-4°~158° F				-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				3m depth				3m depth		3m depth	
Gas purged	Nitrogen		Nitrogen		Nitrogen				Nitrogen				Nitrogen				Nitrogen				Nitrogen		Nitrogen	
Reticle construction	Etched Glass		Wire		Etched Glass				Etched Glass				Etched Glass				Etched Glass				Wire		Wire	
Reticle options	MOA / SHR		DUP / SHR		MOA-2 / SHR-W		SHR-MIL		MOA-2 / SHR-W		SHR-MIL		MOA-2 / SHR-W		SHR-W / CFR-MIL		SHR-W		SHR-MIL		CSHR		CSHR	
Illuminated reticle	No		No		No				No				Yes		Red / Green		Yes		Red		No		No	
Origin	Made in Japan		Made in Japan		Made in Japan				Made in Japan				Made in Japan				Made in Japan				Made in Japan		Made in Japan	