



**VECTRONIX
SHOOTING
SOLUTIONS.**

RADICAL X TECHNICAL DATA



	RADICAL X 8×42	RADICAL X 10×42
Order numbers	918810 with MSR-DMR ¹ reticle	918811 with MSR-DMR ¹ reticle
Optics	RADICAL X 8×42	RADICAL X 10×42
Observation	DVO, binocular	DVO, binocular
Objective lens diameter	42mm	42mm
Magnification	8×	10×
Reticle	MSR-DMR ¹	MSR-DMR ¹
Field of view at 1000yd/1000m in degrees	387 ft / 130m 7.4 °	330 ft / 110m 6.3 °
Field of view with Range Enhancers 42 at 1000yd/1000m in degrees	277 ft / 92m 5.3 °	236 ft / 79m 4.5 °
Exit pupil	5.25mm	4.2mm
Eye-relief	18mm	17mm
Interpupillary distance	58 to 77mm	58 to 77mm
Minimum focus distance	9yd/8m	9yd/8m
Diopter compensation	±4dpt.	±4dpt.
Nano coating on outer lenses	Yes	Yes
Twilight number	18.3	20.5
Physical	RADICAL X 8×42	RADICAL X 10×42
Housing	magnesium	magnesium
Armoring	shock absorbing rubber	shock absorbing rubber
Colour	tac-grey	tac-grey
Tripod	¼"-20 UNC standard tripod interface	¼"-20 UNC standard tripod interface
Dimensions	163mm × 130mm × 65mm	156mm × 130mm × 65mm
Weight	~965g/~34oz	~931g/~33oz
Front objective thread	M46 × 0.75	M46 × 0.75
Environmental	RADICAL X 8×42 / RADICAL X 10×42	
Protection class	IP67 (waterproof 1m 30min)	
Operational temperature	-20°C/-4°F to +50°C/122°F	
Storage temperature	-40°C/-40°F to +70°C/158°F	
Shock	60g/6ms	
Vibration	2g; 10Hz to 150Hz	

¹ optimized for usage with Range Enhancers 42

RADICAL X 8×42 / RADICAL X 10×42	
Accessories	Part number
Range Enhancers 42 (1.4×) incl. protective case	917239 (2 pcs)
Tenebræx Anti-Reflection Devices 42	917806 (2 pcs)
Tenebræx Lens Covers 42	919583 (2 pcs)
Tripod adapter RRS	919588 (1 pc)
Tripod adapter AREA419	919589 (1 pc)

RADICAL X 8×42 / RADICAL X 10×42	
Spare parts	Part number
Eyecup set for 10×42	919007 (2 pcs)
Eyecup set for 8×42	919008 (2 pcs)
Neck strap	917231 (1 pc)
Front lens flip cover 42	917232 (1 pc)
Range Enhancer 42 (1.4×)	918795 (1 pc)
Lens cover set for Range Enhancer 42 (front and rear)	919011 (2 pcs)
Eyepiece cover	919004 (1 pc)
Tripod adapter incl. screws and torx key	917802 (1 pc)
Tripod cover RADICAL X	919051 (1 pc)

RADICAL X 8×42 / RADICAL X 10×42	
Scope of delivery	
Binocular, neck strap, 2× front lens flip cover 42, eyepiece cover, protective case 42, tripod adapter incl. screws and torx key, VECSS logo patch, lens cleaning cloth, quickstart guide, safety instructions;	

MSR-DMR reticle optimized for usage with Range Enhancers 42

