



**VECTRONIX  
SHOOTING  
SOLUTIONS.**



## RADICAL X TECHNICAL DATA

	<b>RADICAL X 8×42</b>	<b>RADICAL X 10×42</b>
Order numbers	918810 with MSR-DMR <sup>1</sup> reticle	918811 with MSR-DMR <sup>1</sup> reticle
<b>Optics</b>	<b>RADICAL X 8×42</b>	<b>RADICAL X 10×42</b>
Observation	DVO, binocular	DVO, binocular
Objective lens diameter	42mm	42mm
Magnification	8×	10×
Reticle	MSR-DMR <sup>1</sup>	MSR-DMR <sup>1</sup>
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 78mm	58 to 78mm
Minimum focus distance	9yd/8m	9yd/8m
Diopter compensation	±4dpt.	±4dpt.
Nano coating on outer lenses	Yes	Yes
Twilight number	18.3	20.5
<b>Physical</b>	<b>RADICAL X 8×42</b>	<b>RADICAL X 10×42</b>
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
<b>Environmental</b>	<b>RADICAL X 8×42 / RADICAL X 10×42</b>	
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	

<sup>1</sup> optimized for usage with Range Enhancers 42

<b>RADICAL X 8×42 / RADICAL X 10×42</b>	
<b>Accessories</b>	<b>Part number</b>
Range Enhancers 42 (1.4×) incl. protective case	917239 [2 pcs]
Anti-Reflection Devices 42	917806 [2 pcs]

<b>RADICAL X 8×42 / RADICAL X 10×42</b>	
<b>Spare parts</b>	<b>Part number</b>
Eyecup for 10×42	918436 [1 pc]
Eyecup for 8×42	917230 [1 pc]
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 Enhancers 42	919011 [2 pcs]
Eyepiece cover	917795 [1 pc]
Protective case 42	917801 [1 pc]
Tripod adapter incl. screws and torx key	917802 [1 pc]
Tripod cover RADICAL X	919051 [1 pc]

<b>RADICAL X 8×42 / RADICAL X 10×42</b>	
<b>Scope of delivery</b>	
	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

