



ZEISS V8 Technical Specifications

		ZEISS V8							
		1.1-8x24		1.8-14x50		103x58		103x58	
Magnification		1.1	8	1.8	13.5	2.8	20	4.8	35
Effective lens diameter	mm	10.6	24	18.6	50	27.5	56	48.1	60
Exit pupil diameter	mm	9.9	3.1	10.3	3.7	9.9	2.8	9.9	1.7
Twilight factor		3.4	13.9	5.1	26.0	7.9	33.0	13.6	45.8
Field of view in m at 100 m (Field of view in ft at 100 yd)	m (ft)	39.6 (118.8)	5.4 (16.2)	23.0 (69.9)	3.1 (9.3)	15.3 (45.9)	2.1 (6.3)	8.6 (25.8)	1.2 (3.6)
Objective viewing angle	°	22.2	3	13.1	1.8	8.8	1.2	4.9	0.7
Diopter adjustment range	dpt	-3.5/+2							
Eye relief	mm (in)	92 (3.6)							
Parallax-free	m (yd)	100 (109)		50 - ∞ (54 - ∞)					
Parallax Setting	cm/100 m	500/320		310/200		210/135		140/85	
Adjustment per click	cm	1							
Centre tube diameter	mm	30		30		30		34	
Eyepiece diameter	mm	46							
Lens tube diameter	mm	30		56		62		67	
Coating		LotuTec®							
Nitrogen filling		Yes							
Watertightness	mbar	400							
Operating temperature	°C (°F)	-25/+50 (-13/+122)							
Length	mm (in)	283 (11.1)		343 (13.5)		350 (13.8)		399 (15.7)	
Weight without inner rail	g (oz)	550 (19.4)		720 (25.4)		795 (28)		995 (35.1)	
Weight with inner rail	g (oz)	590 (20.8)		750 (26.5)		830 (29.3)		1015 (35.8)	

Subject to changes in design and scope of delivery, as a result of ongoing technical development.

www.zeiss.com/hunting/v8