



## Technical Data ZEISS Conquest HDX

Optics	8x32	10x32	8x42	10x42	8x56	10x56	15x56
Light transmission	90%						
Magnification	8x	10x	8x	10x	8x	10x	15x
Lens diameter	32 mm		42mm		56mm		
Exit pupil diameter	4 mm	3,2 mm	5,25 mm	4,2 mm	7 mm	5,6 mm	3,7 mm
Twilight factor	16,0	17,9	18,3	20,5	21,2	23,7	29,0
Field of view (1,000m)	140 m	118 m	128 m	115 m	125 m	115 m	80 m
Subjective viewing angle	64°	68°	59°	66°	57°	66°	69°
Close focusing range	1,5 m		2,0 m		3,5 m		
Diopter adjustment range	± 4						
Exit pupil distance	16,5 mm				18 mm		
Interpupillary distance	54-74 mm						
Lens concept	HD						
Prism type	Schmidt-Pechan				Abbe-König		
Coating	T* / LotuTec						
Nitrogen filling	Yes						
Watertightness	400 mbar						
Operating temperature	-20/63°C						
Length	132 mm		150 mm		210 mm		
Width at an interpupillary distance of 65mm	115 mm		119 mm		145 mm		
Weight	620 g		715 g		1235 g	1250 g	1265 g

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