



HENSOLDT ZF4-MKO

HENSOLDT's combat-tested 4X-optic now comes in a slim and lightweight design with an interface for the Aimpoint ACRO Red Dot on the upper side and an optical height of 38 mm.

Its unsurpassed optical performance, outstanding FOV and sharpness up to the edges provide the required safety, even in stressful situations.

Features and benefits of the ZF4-MKO

- Ergonomic use combined with NVG
- Easy handling in dynamic situations without unnecessary adjustment of the magnification
- Two optical components to ensure full defence capability
- Can be used in close to medium ranges

The ZF4-MKO is the perfect device for various day or night operations and enables users to optimally cover urban scenarios.



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Optical data		
Magnification	4x	
Entry pupil	Ø 32 mm	
Exit pupil	Ø 8 mm	
Eye relief	65 mm	
Daytime transmission	74% with Laser protection; >80% without	
Laser protection	1064 nm (OD4)	
Diopter adjustment	-0.5 dpt (fixed)	
FOV	140 m at 1000 m	
Optical resolution	Image centre: < 15" Image edge: < 20"	
Reticle adjustment per click	0.1 mrad (1 cm / 100 m)	
Mechanical data	without ACRO	with ACRO
Size (LxWxH)	133.5 / 58.0 / 67.5 mm	133.5 / 58.0 / 99.5 mm
Weight	490 g	550 g
Mounting interface	MIL STD 1913 / STANAG 4694	
Electrical data		
Battery	CR 2032 lithium button cell (3 V)	
Battery lifetime	> 900 h (medium brightness) / > 100 h (max. brightness)	
Illumination brightness	10 brightness levels	
	Non-visibility requirement according to NATO D14 Handbook 2018, 4.1.1.5 Light Security	
Energy-efficiency mode	Auto-off function	
Connection options		
Red Dot interface	Optional interface for Aimpoint ACRO (Red Dot)	
Environmental conditions		
Environmental test	According to NATO D14 Handbook 2018	
Watertightness	2 h at a diving depth of 4 m	
Climate properties	Climate zone	Temperature
Function	A2	+63 °C
	C2	-46 °C
Storage (long-term)	A1	+49 °C
	C4	-57 °C
	C1	-32 °C

