



ELF-18

PANORAMIC NIGHT VISION GOGGLES

The ELF-18 is a professional tactical panoramic night vision device. Its four-channel optical design delivers an ultra-wide field of view of approx. 120°, greatly improving environment sensing performance. With a lightweight head-mounted structure, stable imaging output is maintained in total darkness, low light, rainy and foggy conditions.

KEY FEATURES



FOUR-LENS PANORAMIC DESIGN WITH 120° FOV



HIGH-PERFORMANCE IMAGE INTENSIFIER TUBE

With a standard 18 mm tube, it supports optional FOM values.



LIGHTWEIGHT AND SOLID BODY

A weight of approx. 800 g.



MULTIPLE POWER SUPPLIES

It supports multiple power supply modes with flexibly replaceable batteries.

1



2



TECHNICAL DATA

Optical General		Physical	
Magnification	1×	Dimensions (W × H × D)	225mm×113mm×94mm
Distortion	<3%	Weight	<810g (no battery)
Focus Range	250mm ~ +∞	Power Supply	
Focal Length	22.5mm/F1.18	Battery Type	1× CR123A /Battery Holder (2× 18650)
FOV(H×V)	120°×50°	Battery life	22.5 hours (CR123A, FOM1400) /Over 100 hours (Battery Holder)
Image Intensifier Tube		Environmental	
Tube Type	GEN2+ / GEN3 (Optional)	Immersion	IP67
Compatibility Range	18 mm (3-wire, 10160, 11769-without EGAC)		
Phosphor	White/Green		
FOM	FOM1400/FOM1800		
Advanced Functions			
IR Illuminator	850nm		
Strong Light Protection	✓		
Auto Power-off	Flip-up		
Eyepiece			
Exit Pupil Distance	25mm		
Diopter	- 5 ~ + 2D		
Spacing	55~76mm		

ACCESSORIES

1

BATTERY PACK+CABLE



2

HELMET MOUNT





NIGHT VISION MODE



NIGHT VISION MODE2