



MEPRO BINIMON (A)

Aviator's Night Vision System

- › Dual-tube night vision binocular providing depth perception (3D viewing)
- › Rugged construction
- › Innovative ergonomic design with multi-directional adjustment
- › Compatible with various types of aviator's helmets
- › Designed for both military and civilian applications
- › MIL-STD 810



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NIGHT VISION



The **MEPRO BINIMON (A)** night vision binocular provides the user with depth perception (3D viewing) and delivers outstanding performance under a wide range of lighting and environmental conditions.

Collaboration with various air crews during system development has resulted in an ergonomic design as well as easy and intuitive to operate system.

The binocular is a rugged and metal-constructed, yet a lightweight system compatible with all commercially available 18mm image intensifier tube technologies.

The system fits most aviator helmet visors and can be used in either fixed or rotary wing aircraft; the BINIMON (A) is also compatible with heads-up displays (HUD). All cockpit display types can be properly viewed using one of the available A,B,C class or 645nm objective filters.

The MEPRO BINIMON (A) features individual interpupillary adjustment for convenient fitting of the system's eyepieces to each eye, its 25mm eye-relief ensures consistent high quality imagery with full 40° field-of-view regardless of exact eyepiece positioning. The system includes an easy to use flip-up mechanism, so when unaided viewing is necessary it can be quickly removed from the field-of-view.

Technical Specifications

Optical Data

Magnification	x1
Field Of View	40°
Focus range	25cm to infinity
Diopter adjustment	Min (+2) to (-6)
Interpupillary adjustment	52mm to 72 mm
Eye relief	25 mm
IR illuminator	~ 3 m
Image intensifying tube	ANVIS type 18mm GEN II+ or GEN III image

Electrical Data

Battery type	2x AA batteries (Alkaline/ Lithium)
Operation time	25 hours

Dimensions, Weight

Weight	< 570gr.
Dimensions (LxWxH)	125x127x55mm
Accessories	Helmet mount assembly, battery pack, balancing weight, and screwdriver

* Meprolight reserves the right to modify the product