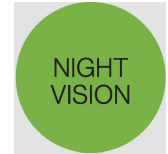


# MIKRON-D



## Dedicated Night Vision Binocular

The lightest NV binocular

Same performance as 18 mm devices with reduced weight

Rugged and user-friendly design based on real user feedback

Binocular stereoscopic vision for greater depth perception

Optional Manual Gain Control

Integrated Infrared Illuminator



Independent Flip away & Flip up function – reduced silhouette

Enhanced sturdiness and ease of use dovetail design

25 mm eye relief for improved comfort

Smart electronics

Mounts available for a wide range of helmets including VAS shroud

MIKRON-D is a cutting edge, full MIL-SPEC, image intensified, dual tube binocular that is able to be operated helmet-mounted, head-mounted or hand-held. It offers better depth perception than single tube systems making it easier to judge distances and relative motion so the ability to perform tasks such as driving is greatly improved. MIKRON-D is the ideal choice for special operations forces.

For momentary configuration changes, the user can flip away each monocular separately. With both monoculars flipped away and flipped up, the system stows along the contour of the helmet thus reducing its silhouette and neck strain, minimising the danger of system damage. MIKRON-D features self-contained single AA battery power and can be also operated via a remote battery pack at the rear of the helmet for increased operational life.

# MIKRON-D

Dedicated Night Vision Binocular

## Technical Specifications

PHYSICAL	
Weight (including battery)	< 415 g
Environmental	Complies with MIL-STD-810

OPTICAL	
Magnification	1X
Field of View	40°
System focus	25 cm to infinity
Resolution	> 1.2 lp/mrad
Collimation	< 0.4°
Diopter adjustment range	+2 to -6 dpts

ELECTRICAL	
Battery	1 x size AA (LR6) between 1.2 V to 3.6 V
Battery life at 23°C	> 25 hours with AA Lithium > 15 hours with AA Alkaline
Integrated IR Illuminator	
Automatic High Level cut-off system to protect the Image Intensifier Tube	
Internal LED indicators for IR ON and Low Battery	

IMAGE INTENSIFIER	
Type 16 mm, Inverting	XD4, XR5, INTENS, Autogating, green or black and white image

MECHANICAL ADJUSTMENTS	
Interpupillary adjustment	Yes
Vertical	Yes
Tilt	Yes
Fore - Aft	Yes
Flip-Up function	Binocular is automatically switched off when in the flip up position or when removed from the head / helmet mount
Independent Flip Away function	Yes

- RECOGNITION
- DETECTION

