



01 / CAPABILITY OVERVIEW

MNV-1

MNV-1 night vision monocular



FIG 01 PRODUCT CONFIGURATION

1x

MAGNIFICATION

40 deg

FIELD OF VIEW

**<= 0.5 kg with battery;
<= 0.9 kg with mount**

MASS

0.25 m to infinityDIOPTER ADJUSTMENT RANGE OF
EYEPIECE

01.1 / OVERVIEW

Night vision monocular for observation, movement and aiming, usable hand-held, helmet mounted or weapon mounted on a MIL-STD-1913 rail.

TYPE

Night vision device

STANDARD

NATO

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

MNV-1 / TECHNICAL EQUIPMENT

PERFORMANCE

Magnification	1x
Field of view	40 deg
Diopter adjustment range of eyepiece	0.25 m to infinity
Temperature range	-30 deg C to +50 deg C

INTERFACES AND OPERATION

Power supply	Standard battery
Time of autonomous operation	> 24 h

PHYSICAL DATA

Mass	<= 0.5 kg with battery; <= 0.9 kg with mount
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ADDITIONAL TECHNICAL DATA

Detection	>= 200 m (target 1.8x0.5 m)
Recognition	>= 100 m (target 1.8x0.5 m)
Dioptic eyepiece adjustment	-4 dptr to +2 dptr
Image intensifier	Gen II+ or Gen III
Mounting	MIL-STD-1913 (Picatinny or Weaver rail)



CONFIGURATION VIEWS

MNV-1 / SUPPLEMENTARY CATALOGUE VIEWS

FIG 02 / eyepiece side

