



01 / CAPABILITY OVERVIEW

MNP-15

MNP-15 night vision monocular



FIG 01 PRODUCT CONFIGURATION

x1	40 deg	0.25 m to infinity	+/-4 dptr
MAGNIFICATION	FIELD OF VIEW	FOCUS RANGE	DIOPTER ADJUSTMENT

01.1 / OVERVIEW

Single tube night vision monocular with auto-gated tube, automatic brightness control and built-in infrared LED illuminator, offered in three tube grades.

TYPE

Night vision device

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

MNP-15 / TECHNICAL EQUIPMENT

PERFORMANCE

Magnification	x1
Field of view	40 deg
Focus range	0.25 m to infinity
Shock/recoil resistance	500 g

INTERFACES AND OPERATION

Input voltage	1.5 VDC
Battery type	1 x AA or CR123
Operating temperature	-20 deg C to +55 deg C

ADDITIONAL TECHNICAL DATA

Diopter adjustment	+/-4 dptr
Electrical switch	OFF-ON-IR
Immersion	1 m for 30 min
Variant MNP-15-G2	500 to 750 uA/lm at 2856 K; 57 lp/mm; SNR 18 to 23; gain 35000 to 50000 at 2x10-6 fcd
Variant MNP-15-G3	1500 to 2000 uA/lm at 2856 K; 64 lp/mm; SNR 19 to 28; gain 40000 to 70000 at 2x10-6 fcd
Variant MNP-15-XR5	FOM 1600 to 2016; 700 to 800 uA/lm at 2856 K; 55 to 72 lp/mm; SNR 25 to 28; gain 30000 to 55000 at 2x10-6 fcd