

MNP-15

Night vision monocular

MNP-15 is a single tube night vision monocular. It utilizes high performance image intensifier tubes that have an integrated power supply, provide automatic brightness control and are auto-gated, preventing tube damage from overexposure. The device has an inbuilt infrared LED used for illumination in low light conditions.

Technical characteristics :

• Magnification	x1
• Field view	40°
• Focus range	0.25 m to ∞
• Dioptré adjustment	± 4 dptr
• Input voltage	1.5 V DC
• Battery type	1AA or CR 123
• Voltage polarization protect	Yes
• IR operation indicator	Yes
• Low battery indicator	Yes
• Electrical switch	OFF-ON-IR
• Operating temperature	-20° C to +55° C
• Storage temperature	-40° C to +70° C
• Immersion	1 m for 30 min
• Shock/Recoil resistance	500 g



MODEL MNP-15-G2

• Liminous sensitivity at 2856K	500 to 750 $\mu\text{A}/\text{lm}$
• Limiting resolution	57 lp/mm
• Signal to noise ratio	18 to 23
• Luminance, gain at 2×10^{-6} fcd	35000 to 50000

MODEL MNP-15-G3

• Liminous sensitivity at 2856K	1500 to 2000 $\mu\text{A}/\text{lm}$
• Limiting resolution	64 lp/mm
• Signal to noise ratio	19 to 28
• Luminance, gain at 2×10^{-6} fcd	40000 to 70000

MODEL MNP-15-XR5

• FOM	1600 to 2016
• Liminous Sensitivity at 2856K	700 to 800 $\mu\text{A}/\text{lm}$
• Limiting resolution	55 to 72 lp/mm
• Signal to noise ratio	25 to 28
• Luminance, gain at 2×10^{-6} fcd	30000 to 55000

