



■ NIGHT VISION GOGGLE

PNG-M 18/22

Both eyes. Full night.

TACTICAL AND MILITARY NIGHT VISION

A compact, lightweight, high-resolution twin-eyepiece goggle with sophisticated optics and the latest tube technology. Built for law enforcement and military forces worldwide.

KEY FEATURES

- Twin-eyepiece, single-tube design
- Highest grade optics
- Comprehensive range of accessories
- Reliable electronics
- Lightweight, rugged and robust

40°

FIELD OF VIEW

425 g

WEIGHT, WITH BATTERY

40–100 h

BATTERY LIFE, 1× AA

–45 °C

OPERATING MINIMUM

PNG-M 18/22

TECHNICAL SPECIFICATION

OPTICAL

Magnification	1× (3× and 5× options)
Field of view	40°
Focus range	0.25 m to infinity
Objective focal length	25 mm
Objective F-number	F1.19
Dioptre adjustment	+6 to −11
Eyeiece lens	16 mm glass aperture
Eye relief	25 mm
Interpupillary adjustment	55–75 mm

ELECTRICAL

Power source	1× 1.5 V AA, AA lithium (NSN 6135 01 333 6101) or 1.2 V AA rechargeable
Battery life	40–100 h, tube and battery dependent
IR indicator	Red LED in eyepiece

PHYSICAL

Dimensions	142 W × 67 H × 137 L mm (eye cup folded)
Weight	425 g incl. battery and lens cap
Eyeguard	Moulded rubber, fold-back, optional de-mist shield

ENVIRONMENTAL

Ingress	IP68, nitrogen filled
Operating temperature	−45 °C to +55 °C
Storage temperature	−51 °C to +65 °C

FIGURE OF MERIT (MIN)

Model	PNG-M 18	PNG-M 22
FOM	1800	2200

TUBE SPOT SPECIFICATION / MAX. SPOTS PER ZONE

Tube	Spot Ø (µm)	Zone 1 · Ø 5.6 mm	Zone 2 · 5.6–14.7 mm	Zone 3 · 14.7–17.0 mm
Gen 18	300	0	0	0
Gen 18	230–300	0	1	1
Gen 18	150–230	0	2	2
Gen 18	75–150	2	3	3
Gen 22	230–300	0	0	0
Gen 22	150–230	0	1	2
Gen 22	75–150	1	2	3