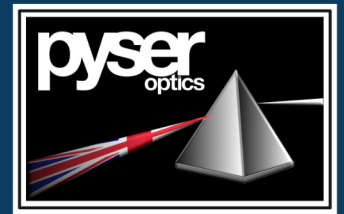


PNG-M

NIGHT VISION GOGGLE



Tactical and Military Night Vision

The Pyser Optics Night Vision Goggle is a compact, lightweight, high-resolution twin eyepiece device incorporating sophisticated optics. This solution meets the night vision needs of law enforcement and military forces around the globe, utilising the very latest tube technology.

- Built with the highest grade optics
- Comprehensive range of accessories
- Image intensified performance
- Reliable electronics
- 40+ hours battery life (1x AA battery)
- Lightweight, rugged and robust design



TECHNICAL SPECIFICATIONS

Physical

Dimensions:	142mm wide x 67mm high x 137mm long (with folded eye cup)
Weight:	425 gms <i>Weight includes battery and lens cap</i>
Eyeguard:	Moulded rubber, fold back or optional de-mist shield

Optics

Magnification:	1x (with x3 and x5 options)
Field of view:	40°
Focus range (m):	0.25 to infinity
Objective focal length:	25mm
Objective F Number:	F1.19
Dioptre adjustment:	+6 to -11
Eyepiece lens:	16mm glass aperture
Eye relief:	25mm
Interpupillary adjustment:	55mm - 75mm

Environmental

Ingress:	IP68 Nitrogen filled
Temperature:	
• Operation:	-45°C to +55°C
• Storage:	-51°C to +65°C

Electrical

Power source:	Single 1.5v "AA" battery or 1.5v "AA" Lithium type (NSN 6135 01 333 6101) or 1.2v "AA" size rechargeable
Battery life:	In excess of 40 - 100 hours dependent on tube & battery type
IR on indicator:	Red LED in Eyepiece

Figure of Merit Value (Min)

<u>Model</u>	<u>PNG-M 1600</u>	<u>PNG-M 1800</u>	<u>PNG-MXR5A</u>	<u>PNG-M 4G</u>
	1600	2000	1472	1800

Tube Spot Specification

Spots Diameter in Micrometers	1600 & 1800			Spots Diameter in Micrometers	XR5A & 4G		
	Zone 1 Dia 5.6mm	Zone 2 Dia. 5.6mm-14mm	Zone 3 Dia.14.7mm-17.0mm		Zone 1 Dia 5.6mm	Zone 2 Dia. 5.6mm-14mm	Zone 3 Dia.14.7mm-17.0mm
> 300	0	0	0	> 300	0	0	0
230-300	0	1	2	230-300	0	0	0
150-230	1	2	4	150-230	0	1	1
75-150	2	4	6	75-150	0	2	2
				< 75	Minimal	Minimal	Minimal

All specifications and designs correct at the time of publishing but may change in the future for product upgrade and improvements.

Export of this product from the UK is controlled under U.K. Export Licence Regulations.

All goods are supplied under our standard conditions of trade

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