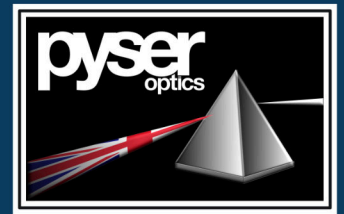


PNP-M 18/22

NIGHT VISION MONOCULAR



Engineered with the highest grade optics

Over thirty years of experience in the design, development and manufacture of night vision monoculars.

The PNP-M uses a single commercial “AA” battery for lightweight which gives at least 40 hours operation.

High quality multi element coated glass optics provide maximum image quality and the entire monocular body, electronics and optics are filled with dry nitrogen for ultimate reliability in all missions and operational scenarios.

- Compact, lightweight, rugged and versatile
- Comprehensive range of image intensified tube options
- Hand-held, head or helmet mounted, monocular or binocular set-up
- 40+ hours battery life (1x AA battery)
- Maximum image quality

TECHNICAL SPECIFICATIONS

Physical

Dimensions:	42mm wide x 67mm high x 107mm long (with folded eye cup)
Weight:	263 gms without battery 278 gms with Lithium "AA" battery 288 gms with commercial "AA" battery <i>Weight includes eye cup 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 degrees
Focus range (m):	0.25 to infinity
Objective focal length:	25mm
Objective F Number:	F1.19
Dioptre adjustment:	+5 to -6 minimum
Eyepiece lens:	25mm glass aperature
Eye relief:	25mm

Environmental

Ingress:	IP68 Nitrogen filled
Temperature:	
• Operation:	-40°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>PNP-M 18</u>	<u>PNP-M 22</u>
	1800	2200

Tube Spot Specification

PNP-M 18				PNP-M 22			
Spots Diameter in Micrometers	Zone 1 Dia 5.6mm	Zone 2 Dia. 5.6mm-14.7mm	Zone 3 Dia.14.7mm-17.0mm	Spots Diameter in Micrometers	Zone 1 Dia 5.6mm	Zone 2 Dia. 5.6mm-14.7mm	Zone 3 Dia.14.7mm-17.0mm
300	0	0	0	230-300	0	0	0
230-300	0	1	1	150-230	0	1	2
150-230	0	2	2	75-150	1	2	3
75-150	2	3	3				

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

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All goods are supplied under our standard conditions of trade

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