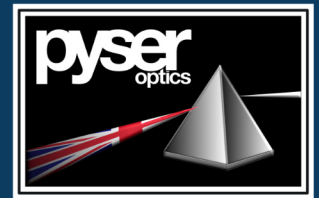


PNP-MS



RED DOT NIGHT VISION SIGHT



Engineered with the highest grade optics

The PNP-MS red dot image intensifier night vision weapon sight is based on the highly successful PNP-M.

It incorporates an illuminated red dot aiming mark for rapid and precise target acquisition, the on/off switch giving the choice of low and high red dot brightness levels.

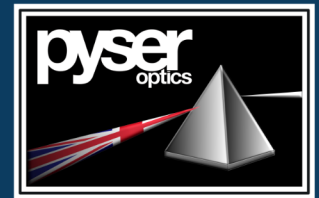
The PNP-MS has been designed for short to medium distance, night time operations with easy, intuitive zeroing and activation

- Compact, lightweight, rugged and versatile
- Comprehensive range of image intensified tube options
- Red dot image intensifier night vision sight
- Reliable electronics
- Lens options: 1x 2x
- 40+ hours battery life (1x AA battery)
- Maximum image quality



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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:	Contoured soft fold back rubber eyecup

Optics

Magnification:	1x, 2x
Field of view:	40°
Focus range (m):	0.25 to infinity
Objective focal length:	25mm, 50mm
Red Dot Size	
Low & high Brightness:	4 mils (1x), 2 mils (2x)
Objective F Number:	F1.4
Dioptre adjustment:	+3 to -3
Eyepiece lens:	25mm glass aperture
Eye relief:	27mm

Environmental

Ingress:	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>PNP-MS 1600</u>	<u>PNP-MS 1800</u>	<u>PNP-MS XR5A</u>	<u>PNP-MS 4G</u>
	1600	2000	1472	1800

Tube Spot Specification

Spots Diameter in Micrometers	1600 & 1800			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	0	0	0
230-300	0	1	2	0	0	0
150-230	1	2	4	0	1	1
75-150	2	4	6	0	2	2
				< 75	Minimal	Minimal

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