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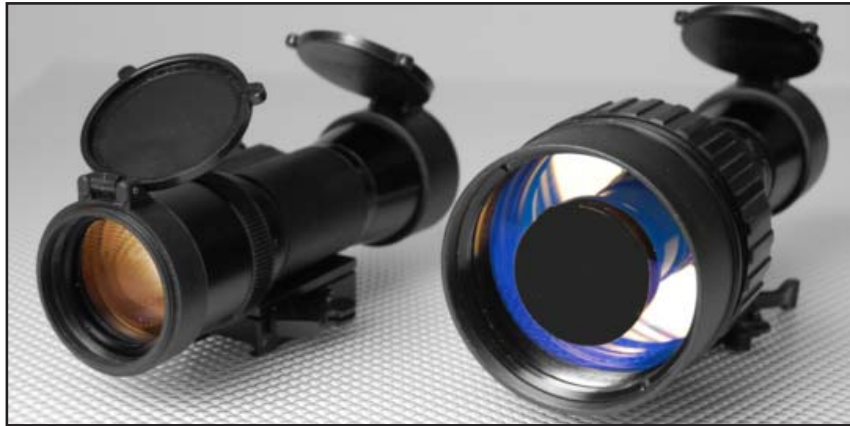
Defence & Security Products Division

**INCLUDING
NEW FC
RANGE**
NO EXPORT
LICENCE
NEEDED

PNP-MUNS

Universal Night Sights

Clip-On, ultra compact and lightweight



PNP-MUNS Universal Night Sights are state of the art in-line image intensified, rugged, lightweight and compact weapon sights designed specifically to be used in front of dayscopes from 1x to 16x magnification and higher with front lenses up to 60mm diameter.

The advanced in-line optical design, with no prisms, does not affect the zero of the weapon, nor the user's normal firing position and does not create any parallax errors.

The PNP-MUNS is attached and released instantly from the weapon's Picatinny rail by means of its over-centre throw lever and no tools are needed to attach, release or operate it. PNP-MUNS can also be used as a stand-alone hand held night vision surveillance tool.

PNP-MUNS can be supplied with a wide choice of image intensifier tubes up to FOM 2016, including Autogated types, for the most demanding missions and it needs only one "AA" battery to operate it from 40 to 100 hours depending on battery type and model of intensifier tube.

PNP-MUNS is available in 2 versions: PNP-MUNS 600, weighing 667g and PNP-MUNS 900, which weighs only 937g and offers

extra focal length for enhanced detail. Both versions are waterproof to 20 metres for 1 hour; each has a rugged Butler Creek flip-up lens cap on the rear end for total protection against dust, dirt and water. Both versions have a fine distance focus adjustment for optimum performance.

PNP-MUNS 600 is recommended for distances up to 600m and PNP-MUNS 900 up to 900m.

The product also has a clip-on/clip-off fold-back moulded rubber rear hood to prevent any green reflected glow on the front lens of dayscopes up to 60mm diameter.

PNP-MUNS is designed and made in the UK by Pyser-SGI Limited, to ISO 9001 quality levels and is deliverable world-wide in any image intensifier specification.

Now available with tubes including FC (export licence exempt**) as well as standard licence HD High Definition, XD-4 and XR5.

XD-4 and XR5 models can also be supplied with Auto Gating and FC, HD, XD-4 and XR5 are available with green or black and white tubes.

**Does not require UK Export Licence but not available to countries on UN/EU/UK Embargo/Sanctions Lists.

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Technical Specifications

Optical		PNP-MUNS 600	PNP-MUNS 900	Physical		PNP-MUNS 600	PNP-MUNS 900
Magnification:		1x	1x	Dimensions:		Length 186mm	Length 208mm
Field of view:		13°	8°			Height 75mm	Height 87mm
Focus:		4m to infinity	6m to infinity			Width 85mm	Width 90mm
Boresight retention:		Permanent, requires no re-zeroing of dayscope	Permanent, requires no re-zeroing of dayscope			Optical centreline above Picatinny rail top surface 32.5mm* (higher on request).	Optical centreline above Picatinny rail top surface 43.5mm* (higher on request).
Dayscope compatibility:		All front lens diameters up to 60mm	All front lens diameters up to 60mm	Weight:		667 gms without battery 690 gms with lithium "AA" battery	983gms without battery 1006gms with lithium "AA" battery
Useful Practical Distance:		Up to 600 metres depending on ambient conditions	Up to 900 metres depending on ambient conditions	Rail:		Needs 120mm Picatinny rail length in front of dayscope	Needs 135mm Picatinny rail length in front of dayscope
Electrical				Construction:		Aluminium alloy and glass polymer	Aluminium alloy and glass polymer
Power source:		Single 1.5v "AA" battery or 1.5V "AA" 'Lithium' type (NSN 6135 01 333 6101) or 1.2v "AA" size rechargeable	Single 1.5v "AA" battery or 1.5V "AA" 'Lithium' type (NSN 6135 01 333 6101) or 1.2v "AA" size rechargeable	Rear Hood:		Moulded rubber, clip on/off and fold back *Optical overlap up to +/- 30mm available	Moulded rubber, clip on/off and fold back
Battery life:		40 - 100 hours dependent on tube and battery type	40 - 100 hours dependent on tube and battery type	Environmental			
				Waterproof:		Immersion proof 20m 1hr, Nitrogen filled	Immersion proof 20m 1hr Nitrogen filled
				Temperature:		Operation -45°C to +55°C Storage -51°C to +65°C	Operation -45°C to +55°C Storage -51°C to +65°C

Part No	Model 600	NSN 5855-99-998-2408	Part No	Model 900	NSN Pending
560-200FC2	PNP-MUNS 600 FC		560-201FC2	PNP-MUNS 900 FC	
560-200FC2W	PNP-MUNS 600 FCW		560-201FC2W	PNP-MUNS 900 FCW	
560-200HD*	PNP-MUNS 600 HD		560-201HD*	PNP-MUNS 900 HD	
560-200XD4*	PNP-MUNS 600 XD-4		560-201XD4*	PNP-MUNS 900 XD-4	
560-200XD4A*	PNP-MUNS 600 XD-4A Autogated		560-201XD4A*	PNP-MUNS 900 XD-4A Autogated	
560-200XR5*	PNP-MUNS 600 XR5		560-201XR5*	PNP-MUNS 900 XR5	
560-200XR5A*	PNP-MUNS 600 XR5A Autogated		560-201XR5A*	PNP-MUNS 900 XR5A Autogated	

FC, HD, XD-4, XD-4A, XR5 and XR5A products are available with Green or Black and White tubes. For Black and White add W after part number eg: 560-200XD4AW has Black & White tube.

Ordering Information

Each PNP-MUNS is delivered in its soft black (or camouflage on request) padded pouch with clip-on/off rear hood, "AA" Lithium battery and fully illustrated operating instructions.

Clip-On Rear Hood



Clip-On Rear Hood

TUBE COMPARISON CHART				
Typical Values (Tube manufacturers' data)	FC	HD	XD-4	XR5
Sensitivity (µA/lm)	500	550	700	800
Resolution (lp/mm)	45	51	64	72
Signal to Noise ratio	19	19	23	28
Figure of Merit (FOM) Typical	855	969	1472	2016

*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. We reserve the right to amend design and specifications without prior notification

Visit our website on www.pyser-sgi.com for further information on the complete range of products available from Pyser-SGI Limited.



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