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Defence & Security Products Division

NIM-Night Intensification Module

NIM is a small lightweight optical module containing the latest in image intensifier technology. NIM can be used with any CCTV camera and compatible CCTV lenses. It requires only 12v DC input and can effectively turn any day camera into an extreme low light surveillance system.



- Compatible with 1" format lenses
- Compatible with 1/2" & 1/3" cameras
- Very simple and very quick to install
- Tripod Mountable
- Gain in excess of 20,000



Night intensification module

Technical Specifications:

Optical

Magnification	1x
Field of view	Depending on lens/camera configuration
Objective lenses	
Mounting type	"C" mount (1"-32 TPI) interchangeable
Lens options	A complete range of 1 inch "C"mount lenses including zoom, tele and wide-angle

Electrical

Power requirement	12v DC
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Physical

Dimensions	73 mm (L) x 44 mm (Dia)
Weight	216 gms
Tripod mount	Standard 1/4" UNC threading

Ordering Information

5 Models Available:

Model	Tube	Part No
NIM-2+	Generation 2+	575-221
NIM-2++	Generation 2++	575-221++HD
NIM-XD4	XD-4	575-223
NIM-XR5	XR5	575-226
NIM-XR5A	XR5 autogated	575-226A
NIM-XH72	XH72	575-227

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Typical Values <i>(Tube manufacturers data)</i>	TUBE COMPARISON CHART				
	Gen 2+	Gen 2++HD	XD-4	XH72	XR5
Sensitivity ($\mu\text{A}/\text{lm}$)	450	600	700	800	800
Resolution (lp/mm)	32	57	64	76	72
Signal to Noise ratio	15	22	23	24	28
Figure of Merit (FOM) Typical	480	1254	1472	1824	2016

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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