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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.

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.



- 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
Connector	2.1mm tubular low power connector (female)

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 FC2	FC	575-221FC
NIM HD	HD	575-221HD*
NIM XD-4	XD-4	575-223XD4*
NIM XD-4A	XD-4 autogated	575-223XD4A*
NIM XR5	XR5	575-226XR5*
NIM XR5A	XR5 autogated	575-226XR5A*

*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.



Typical Values (Tube manufacturers data)	TUBE COMPARISON CHART			
	FC	HD	XD-4	XR5
Sensitivity ($\mu\text{A}/\text{lm}$)	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

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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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