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**Defence
Products
Division**

PROMS

Portable Rapid deployment Observation
and Monitoring System



- Rapid deployable – Man portable.
- Long Range High Magnification.
- Provides extra security for Operators.
- Able to monitor and record target information away from sensor platform.
- All equipment is self contained within its own webbing case.



Simulated Image at 1000m



Simulated Image at 1000m

PROMS

Portable Rapid deployment Observation and Monitoring System

The Portable Rapid deployment Observation Monitoring System (PROMS) is designed to cater for all static urban and rural surveillance operations.

PROMS provides ultra long range Surveillance Target Acquisition using its combination of day or night sensor technology providing much higher times magnification than normal spotting scopes in service today.

PROMS is man portable and can be rapidly deployed within a few minutes. With its unique remote monitoring system, surveillance operators are able to monitor and record information observed from the target area well away from where the sensor platform is deployed. This allows operators to work in complete safety and allows the use of multiple observers without compromising the position of the sensor platform.

Standard Specification

Fluorite lens 82mm OG waterproof telescope system.

Ultra lightweight and rigid dual tripod mounting.

Digital high resolution colour low light CCD video camera.

High resolution 6.4" TFT rugged waterproof monitor.

Camouflage DPM cover for telescope and mount.

Camouflage DPM protective case for all equipment and permanent installation of rechargeable 12v battery and monitor station.

Flexible cable from telescope to control station up to 100 metres.

Capability

Colour video display up to 711x magnification

Optional night vision image intensified video up to 519x magnification

Optional naked eye night vision image intensified observation up to 253x magnification

Technical Specification

Lens system dual zoom ratio as standard

	FoV Degrees*	FoV mils*	Zoom Magnification*
Colour Camera			
20-60x zoom	0.475 to 0.162	8.44 to 2.87	83x to 249x
60-180x zoom	0.165 to 0.056	2.94 to 1.00	242x to 711x
II Camera			
20-60x zoom	0.668 to 0.228	11.87 to 4.06	59x to 175x
60-180x zoom	0.232 to 0.077	4.12 to 1.37	172x to 519x
II Scope			
20-60x zoom	1.336 to 0.457	23.74 to 8.12	29x to 87x
60-180x zoom	0.464 to 0.158	8.25 to 2.81	85x to 255x

* ±5% Nominal Values



Camera

Digital colour high resolution low light 1/3" CCD detector

0.2 LUX

>480 TV lines

768 x 494 effective pixels

PAL output

II Camera Optional Module

NIM XD4 or HG image intensifier as standard.

GEN 2+ on request.

II Night Scope Optional Module

PNP XD4 or HG Image Intensifier as standard.

GEN 2+ on request.

System Autonomy

Rechargeable built-in 12v battery. Useable charge 8-10 hours depending upon temperature and equipment used.

Additional built in battery capacity available. Battery charger provided and system can be powered from external 12v DC supply.



BS EN ISO 9001 : 1994
Certificate No FM 30264

E & OE

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

All goods are supplied under our standard conditions of trade. We reserve the right to amend design and specifications without prior notification



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