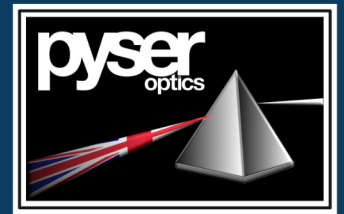


PEGASUS

CLIP-ON THERMAL SIGHT



HD Thermal Imaging for Marksmen

Pyser Optics PEGASUS HD series are state of the art, compact, lightweight and high performance uncooled Thermal Imaging clip-on sights for use in front of any day optical sight. Magnifications of 16x and more makes PEGASUS ideally suitable for users who wish to leave their optical daysight in place

- Clip-on, In-line Thermal sight
- Long range detection
- 24 hour usage
- High accuracy from precision collimation
- Suitable for heavy recoil weapon platforms
- Rugged and robust design
- Non ITAR



All PEGASUS models are delivered in protective pouches with fully illustrated operating instructions.

TECHNICAL SPECIFICATIONS

Optics

Magnification:	1x digital zoom (2x and 4x available for spotting)
Field of view:	12° (50mm) - 8° (75mm)
Focus:	Fixed focus to infinity
Boresight retention	Permanent, no need to adjust the Pegasus
Dayscope Compatibility:	up to 80mm
Operational Range:	Up to 1250 metres depending on ambient conditions

Controls

Menu:	On/off, polarity white/black hot, contrast enhancement, electronic zoom 1x, 2x and 4x ratio, screen brightness
Input/Output:	Single multi pin socket for: PAL video out for recording or transmission. External power via battery power module.

Electrical

Power source:	2 x AA lithium batteries (gives up to 4 hours continuous operation)
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Thermal Image

Detector:	Amorphous Silicon Microbolometer
Core:	640 x 480 pixel array high-definition 17 micron pixel pitch Video rate 30 Hz
Display:	OLED 852 x 600 pixels SVGA monochrome 35° apparent image horizontal angle of view

Physical

Model	Length	Height	Width	Weight
50mm:	170mm	70mm	85mm	650g
75mm:	205mm	90mm	95mm	1100g

Needs 120mm Picatinny rail in front of dayscope

Environmental

Ingress:	IP68 Nitrogen filled
Temperature:	
• Operation:	-20°C to +55°C
• Storage:	-51°C to +65°C

All specifications and designs correct at the time of publishing but may change in the future for product upgrade and improvements.

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

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