



pyser
optics

Night Vision Goggle

The Pyser Optics night vision goggle is a compact lightweight, high resolution twin eyepiece device incorporating superior optics.

The unit is supplied with a head mount complete with auto off/on flip up capability and is easy to use, requiring only one standard "AA" size battery. The goggle meets the night vision needs of military and law enforcement forces around the globe, utilises the very latest in tube technology and is available with a wide range of accessories.



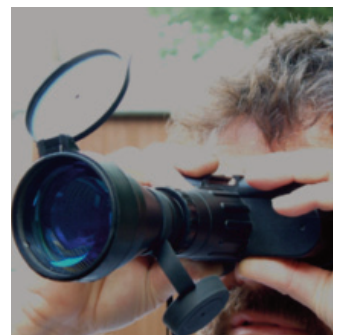
Image intensified high performance Night Vision Goggle with comprehensive range of accessories

All Pyser Optics night vision equipment can be fitted with FC (no licence), HD, Gen 3, XD-4, XR5 or Intens-4G image intensifier tubes.

All tubes are available in the standard green/black or white/black (ONYX).

XD-4 and XR5 are available Autogated whilst Intens-4G is Autogated and available in minimum FOM 1800 or as requested.

**Call Pyser Optics to discuss your operational needs with our dedicated technical global sales team.
+44 (0) 1732 864111**



technical specifications

magnification:	1x	operating temperature:	-45°C to +55°C
field of view:	40 degrees	storage temperature:	-51°C to +65°C
focus range (m):	0.25-infinity	power supply:	1 x "AA" Battery or "AA" size L91 Lithium or "AA" 1.2v rechargeable
objective focal length (mm):	25mm	battery life:	in excess of 40 hours (commercial "AA")
objective F number:	F1.19	dimensions mm:	L137mm x H51mm x W142mm
dioptr correction:	+6 to -11	weight:	425g including battery and lens cap
eyepiece lens:	16mm glass aperture	ingress:	IP68 nitrogen filled
eye relief:	27mm	construction:	Moulded glass filled polymer
interpupillary adjustment:	55mm - 75mm		

PNG-M is supplied with the following: PNG unit, head harness - flip up, manual, soft carrying case, AA battery, lanyard, instructions

part no. night vision goggles

589-100FC2F	PNG-MFC	lightweight compact night vision goggle with 1 x magnification NSN 5855-99671-5340
589-100HD*	PNG-M HD	lightweight compact night vision goggle with 1 x magnification NSN 5855-99671-5340
589-100XD4*	PNG-M XD4	lightweight compact night vision goggle with 1 x magnification NSN 5855-99671-5340
589-100XD4A*	PNG-M XD4A (autogated)	lightweight compact night vision goggle with 1 x magnification NSN 5855-99671-5340
589-100XR5*	PNG-M XR5	lightweight compact night vision goggle with 1 x magnification NSN 5855-99671-5340
589-100XR5A*	PNG-M XR5A (autogated)	lightweight compact night vision goggle with 1 x magnification NSN 5855-99671-5340
589-100INT*	PNG-M INTENS	autogated

FC, HD, XD-4, XR5, XR5A and INTENS products are available with Green or Black & White tubes.
For Black & White add W after part number, eg 589-100XD4W has Black & White tube.

part no. accessories

550-006C	Replacement head harness for PNG-M Night Vision Goggle, NSN 6650-99-736-7843
550-006D	Helmet mount for PNG-M Night Vision Goggle, NSN 5340-99-260-8769
103-751M	3x magnification lens, NSN 6650-99-391-2185
103-753	5x magnification lens
550-003F	Relay lens for use with CCTV camera, NSN 5836-99-997-5780
550-007	Shuttered eyeguard, NSN 6650-99-789-6513
550-010	Anti-mist filter for eyepiece,, NSN 6650-99-731-1262
550-840-4xx	Optical Modules to connect PNG-M directly to camera body
589-840-400A	Nikon photographic module
589-840-401A	Canon photographic module
589-840-305	Camcorder/camera 30.5mm adaptor, NSN 6650-99-412-0360589-840-305
589-840-035	Camcorder/camera 35mm adaptor, NSN 6650-99-000-5183
589-840-040	Camcorder/camera 37mm adaptor, NSN 6650-99-595-0780
589-840-042	Camcorder/camera 49mm adaptor, NSN 6650-99-323-6896
589-840-041	Camcorder/camera 52mm adaptor, NSN 6650-99-329-3201
589-840-058	Camcorder/camera 58mm adaptor, NSN 6650-99-180-7670
589-840-072	Camcorder/camera 72mm adaptor, NSN 6650-99-297-7873 others available on request
583-340	150mw illuminator, IR LED, wide, mid and narrow FOV, 805nm, compatible with PNG-M, NIM, PROMS and any night vision device
583-340-002	IR 150mw illuminator interface adaptor, attaches illuminator to PNG-M
560-011	12v car cigarette plug/lead, 2 outputs (needs 560-012), powers PNP-M from vehicle, NSN 6150-99343-1630
560-012	12v/1.5v plug to replace 1.5v battery and cap (two needed for PNP-M in binocular form)
560-013	Battery charger including 4 rechargeable "AA" batteries, NSN 6130-99-899-9358
FBS-034	Small hermetic case, holds PNG-M in its pouch
FBS-043	Medium hermetic case, with custom made foam cut-outs
FBS-037	Large hermetic case with custom made foam cut-outs, NSN 6650-99-778-3635

*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