



# Britannia Defence Systems Limited

Designers, Manufacturers & Integrators of Specialist  
Surveillance Systems and Equipment

## NVM001

### Night Vision “Dual Tubes” Binoculars Goggles



#### Features

Light Weight & Small Size

Multi Use Design

Mil. Spec. Fast Optical Lenses

Image Intensifier Tubes: Gen2+, Gen3, SuperGen™,  
XD-4™, XR-5™ or “ONYX”

“ONYX” has the following specs:

Very Sensitive to Infrared

High Performance

High Resolution 45-73\* 1p/mm

High SNR: 16-28\*

Small Halo\*

Auto Gated\*

“White Phosphor” Photocathode\*

\* with Selected IIT

#### Description

The NVM001 is a high performance modular, multipurpose hand-held night vision monocular. It can be supplied with wide variety of intensifier tubes to provide very clear, crisp images under the darkest conditions. The NVM001 can be used as hand-held or with head mount/helmet mount assemblies for hands free use. Device has a built-in short range Infrared Illuminator and is fully submersible to a depth of 66 feet (20 Meters). The NVM001 works with either a single AA, or 3 volt lithium battery offering longer battery life. The NVM001 is weapon mountable and compatible with most IR laser aiming and illuminating devices. The whole kit comes with: Soft Carry Case, Quick-Release Mil.Spec. Headgear Mount Adapter, Mil.Spec. Headgear w/extra Brow Pads, Demist Shield, Sacrificial Window, One 3V CR123 Battery, One AA Battery, Lens Cleaning Paper, Operating Manual. NVM001 can be equipped with the following Image Intensifier Tubes: Gen. 2+, Gen. 3, SuperGen, XD-4™, XD-4Iris™, XR5™ Auto Gated.

#### Options

UBX™ Ultimate Battery Extender  
Dual Bridge Mounting Brackets (2 types)  
Shuttered, Self Closing Eye Guard  
ACH/PASGT Helmet Mount  
PBS-7 Type Helmet Mount

3X Magnification Lenses  
Quick Release Weapon Mount  
Daytime Scope Attachment  
Laser Aiming/Illuminating Device



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#### Specifications

<b>Magnification:</b>	1X
<b>Lens System:</b>	26mm f1.2
<b>Field of View:</b>	40°
<b>Range of Focus:</b>	From 25mm to infinity
<b>Diopter Adjustment:</b>	+6/-4
<b>Waterproof, submersible:</b>	Up to 20m
<b>Built in Infrared Illuminator</b>	Yes, short range
<b>Batteries Type:</b>	CR123 or AA
<b>Battery Life (standard version):</b>	40+ hours
<b>Battery Life (UBX™ equipped):</b>	80+ hours
<b>NVM001 Weight:</b>	260 grams
<b>NVM001 Dimensions:</b>	116 x 65 x 50mm
<b>PBS-23 Weight:</b>	670 grams
<b>PBS-23 Dimensions:</b>	116 x 125 x 65mm
<b>Operating Temp:</b>	-40°C to +50°C