

# MONIE

## Night Vision Monocular Device

MONIE constitutes a new step in the miniaturisation of the general purpose night vision devices.

Like LUCIE (night vision goggles), MONIE offers a wide 51° field of view and can be used either as a monocular or in BI-MONIE configuration with 3D effect.

MONIE is compatible with 2nd Generation tube, XD4, XR5 with autogating (option) or 3rd Generation tube.

MONIE offers 4 magnifications (1x in standard, 4x, 5x and 6x) and is in full accordance with military specifications.

MONIE monocular and BI-MONIE configuration devices are used for various applications hands-free or hand-held: walking, observation, aiming, driving or any night-time tasks.



# MONIE

## Night Vision Monocular Device

### Mechanical & Environmental

- Ultra compact and lightweight
- Head-mounted or hand-held
- Adjustable gain for reducing eye strain
- Built in infra red illuminator with IR-on indicator in the eyepiece
- High light cut off set
- Powered by only one standard battery
- Low voltage indicator
- Waterproof
- Multi-features face-mask:
  - Quick mounting, dismounting, with auto-off when the monocular is flipped up or removed
  - Folding structure for storage
- Used for the right or left eye in hands-free operations
- Quick mounting magnifiers : 4x, 5x or 6x
- Weapon mount
- 3D vision for driving application

### Standard Configuration

- Monocular
- Batteries
- Carrying bag
- Left eye support
- Face mask
- User manual
- Cleaning set
- Right eye support

### For technical information contact:

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### Optional Accessories

- 4x, 5x or 6x magnifier lens
- Helmet adaptor
- Transport case
- Weapon mount (picatinny interface)
- Binocular support (two monoculars)

## Main features

<b>Magnification 1x</b>	Field of view 51°
<b>Magnification 4x</b>	Field of view 9°
<b>Magnification 5x</b>	Field of view 10°
<b>Magnification 6x</b>	Field of view 8.5°
<b>Intensifier Tube</b>	2nd Gen., XD4, XR5 with autogating (option) or 3rd Gen tube. Automatic brightness Control.
<b>Typical on-axis resolution at optimum light level</b>	1.1 cycles/mrd with XD4 tube (60 lp/mm) 1.2 cycles/mrd with XR5 tube (72 lp/mm)
<b>Diopter Adjustment</b>	-6 to +3 diopters
<b>Eye Relief</b>	>17 mm
<b>Focus range</b>	20cm to infinity
<b>Monocular Weight (with battery)</b>	<270g
<b>Power Supply</b>	(1) standard 1.5V or 3.6 V (Lithium) AA battery, 1.2 V rechargeable battery
<b>Size</b>	75 x 70 x 68 mm

Operating time at 20°C	Standard tube	Autogating tube
<b>1.5 V battery</b>	45 hours	25 hours
<b>3.6 V battery</b>	70 hours	40 hours
<b>Operating Temperature</b>	-51°C to +50°C	
<b>Storage temperature</b>	-51°C to +65°C	
<b>Water Immersion</b>	1 metre for 2 hours (Navy version on request)	



A comparison between MONIE & LUCIE goggles