

HOW NIGHT VISION WORKS

Light (like moonlight or starlight) coming into the device from the direction of the object is gathered by the objective lens and focused onto the Image Intensifier Tube. The front of the Image Intensifier Tube contains a photocathode which converts light into electrons.

The device contains a very high voltage power supply, which converts the 3 volts supplied by the batteries into 17 kilovolts. The high voltage hurls the electrons onto the phosphorous screen. The phosphorous screen illuminates with an image when struck by electrons. The eyepiece optic then focuses the phosphorous screen image to your eye.



Night Owl Optics®

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PRODUCT SPECIFICATION CHART

	Magnification	Lens Diameter, mm	Angle of View	Field of View at 200 ft	Dimensions, inches	Weight, oz (w/o batteries)	Power Supply (not included)	Minimum Focus Range	Interocular Distance	Built-In Infrared
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MONOCULARS

NONM4X 	4x	50	15°	53'	7.45L 2.50W 4.00H	14.8	One 3-Volt Lithium	5.7'	-	Yes
NOXM50 	5x	50	15°	53'	7.45L 2.50W 4.25H	14.0	One 3-Volt Lithium	5.7'	-	Yes
NONM3X-G 	3x	42	19°	67'	6.20L 2.35W 3.80H	13.9	One 3-Volt Lithium	4.9'	-	Yes
NONEXGEN-W 	2x	24	30°	107'	5.35L 2.25W 3.95H	8.8	One 3-Volt Lithium	1.6'	-	Yes
NONM4X-MR 	4x	50	15°	53'	7.50L 2.50W 3.95H	14.8	One 3-Volt Lithium	5.7'	-	Yes
GVIEW 	5x	60	10°	35'	8.40L 2.90W 4.20H	18.3	One 3-Volt Lithium	5.7'	-	Yes
XGENPRO 	3x	37	7°	24'	5.80L 2.40W 3.50H	9.34	Three AA Alkaline	3.3'	-	Yes
XGEN 	2.1x	20	12°	40'	5.20L 1.70W 2.90H	4.93	Three AA Alkaline	3.3'	-	Yes

BINOCULARS

NOB5X 	5x	50	15°	53'	8.00L 5.85W 2.60H	38.0	One 3-Volt Lithium	6.6'	2.27- 2.95"	Yes
NOB3X 	3x	42	19°	67'	6.65L 5.85W 2.70H	29.9	One 3-Volt Lithium	6.6'	2.27- 2.95"	Yes
NONB2FF 	2xFF	24	30°	107'	5.85L 5.85W 2.50H	21.9	One 3-Volt Lithium	16.5'	2.27- 2.95"	Yes
NOBG1 	1Pwr	20	32°	116'	5.25L 4.85W 2.10H	14.1 w/o head mount	2: N 1.5-Volt w/o head mount	10.0"	2.52" (fixed)	Yes



PRODUCT
CATALOG

Wildlife Observation • Boating • Camping • Security

INDUSTRY'S NEWEST, MOST COMPACT & ERGONOMIC DESIGNS

MONOCULARS

NONM4X 50mm

- Rubberized grip
- Machined Aluminum Lens Rings
- 4X Magnification

Weight: 14.8 oz
Field of View at 200': 53'



NOXM50 Rugged 50mm

- Extended body
- Adjustable hand-strap
- 5X Magnification

Weight: 14.0 oz
Field of View at 200': 53'



NONM3X-G 42mm

- Rubberized grip
- Machined Aluminum Lens Rings
- 3X Magnification

Weight: 13.9 oz
Field of View at 200': 67'



NONEXGEN-W 24mm

- The ultimate compact monocular
- 2X Magnification

Weight: 8.8 oz
Field of View at 200': 107'



SPECIALTY

NONM4X-MR 50mm Marine

- Weatherproof
- Aqua blue rubberized body
- Machined Aluminum Lens Rings
- 4X Magnification

Weight: 14.8 oz
Field of View at 200': 53'



GVIEW Galactic View Star Gazer 60mm

- Highest magnification in the industry
- 5X Magnification

Weight: 18.3 oz
Field of View at 200': 35'



NOBG1 Tactical Goggles

- Machined Aluminum Construction
- Use hands-free with headmount or unattached as binocular
- Automatic light protection sensor
- Rugged
- One-Power Lens

Weight: 14.1 oz
Field of View at 200': 116'



BINOCULARS

NOB5X 50mm

- The industry's most highly acclaimed Gen 1 binocular
- Wide-angle IR illumination
- Central focusing
- Adjustable interocular distance
- 5X Magnification

Weight: 38 oz
Field of View at 200': 53'



NOB3X 42mm

- Compact with central focusing
- Adjustable interocular distance
- 3X Magnification

Weight: 29.9 oz
Field of View at 200': 67'



NONB2FF 24mm Field View

- The ultimate compact Night Vision binocular
- Fixed focus field-view
- Adjustable interocular distance
- 2X Magnification

Weight: 21.9 oz
Field of View at 200': 107'



DIGITAL MONOCULAR

XGENPro Digital Viewer

- Frame Rate Control
- IR Control
- 3X Magnification

Weight: 9.34 oz
Field of View at 200': 24'



XGEN Digital Viewer

- GREAT PRICE!
- Preprogrammed Settings
- 2.1X Magnification

Weight: 4.93 oz
Field of View at 200': 40'

