



ADVANCED DEFENSE
SYSTEMS

G R O U N D S O L U T I O N S

F5032 SERIES LIGHTWEIGHT NIGHT VISION BINOCULAR



KEY BENEFITS

- Gen 3 Gated Pinnacle® tubes providing the highest performance and reliability available under all light levels
- Industry-leading, close-focus technology for intricate, mission-critical tasks
- Image intensifier tubes serviceable at the unit level
- Vertical viewing ability prevents shut off when user tilts head
- Available in fixed or adjustable diopter lenses
- Integrated IR illuminator brightens zero-light areas
- Manual brightness adjustment available
- Submersible up to 20 meters

Advanced Defense Systems Incorporated provides the military with premier vision-enhancing solutions. Our F5032 lightweight night vision binocular provides special operations forces a tactical advantage in the most challenging environments. Whether reading printed map details, administering medical support, repairing weapons or re-configuring a radio, the F5032 provides essential visual ability while still maintaining cover under darkness. The F5032 is also configurable with fixed or adjustable diopter lenses to accommodate individual user optical requirements. An intuitive vertical viewing capability recognizes when the binocular is in use and prevents shut-off from activating when a user looks up, such as when climbing a ladder. An auto shut-off engages only when the goggles are in the stowed position. The F5032 also includes an integrated IR illuminator, so the user does not have to carry extra equipment.

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STANDARD ACCESSORIES

- Carrying case
- Eye cups, lens caps
- Demist shields
- Operator kit (manual, quick reference card, lens paper)
- G24 helmet mount

OPTIONAL ACCESSORIES (FOR EXAMPLE)

- Magnifier lens
- Shipping and storage case
- External battery pack w/ cable
- Amber filters
- Counterweights
- G22 helmet mount

SYSTEM SPECIFICATIONS

OPTICAL SPECIFICATIONS	
• Field of View	• 40° nominal
• Magnification	• 1X
• Submersibility	• 66 ft. for 2 hrs
PHYSICAL SPECIFICATIONS	
• Weight	• ≤ 500 g
• Dimensions	• 2.8 x 4.2 x 4.1 in (7.2 x 10.6 x 10.4 cm)
ELECTRICAL SPECIFICATIONS	
• Battery Life	• > 30 hrs with AA lithium / > 21 hrs with AA alkaline
• Battery Type	• One AA size battery (lithium or alkaline)
• Integrated IR Illuminator	• Yes
MECHANICAL SPECIFICATIONS	
• Diopter Adjustment, Fixed Configuration	• +2 to -2.5 diopters *
• Diopter Adjustment, Adjustable Configuration	• +2 to -6 diopters
• Focus Range	• 25 cm to infinity

* a wider range of lenses can be made available upon request