



# US NIGHTVISION

To Order Call: 1 (800) 500-4020

## F5032 LIGHTWEIGHT NIGHT VISION BINOCULAR



### KEY FEATURES

- 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
- Fixed or adjustable diopter lenses to minimize eye strain
- Integrated IR illuminator brightens zero-light areas
- Manual brightness adjustment available
- Submersible up to 20 meters

### SPECIFICATION: F5032 LIGHTWEIGHT NIGHT VISION BINOCULAR

#### OPTICAL

MAGNIFICATION	1X
SYSTEM DISTORTION	<3%
FIELD OF VIEW	40° ± 2°
SYSTEM FOCUS	25CM TO INFINITY
RESOLUTION	≥ 1.3 CYC/MRAD
COLLIMATION	1° CONVERGENCE 0.3° DIPVERGENCE/DIVERGENCE
DIOPTRER ADJUSTMENT LENSES**	+2 TO -2.5

#### PHYSICAL

WEIGHT*	LESS THAN 500 GM
ENVIRONMENTAL	COMPLIES WITH MIL-STD-810

#### ELECTRICAL

BATTERY	ONE AA SIZE BATTERY
BATTERY LIFE @23° C WITHOUT IR ON	> 24 HOURS WITH AA LITHIUM > 15 HOURS WITH AA ALKALINE
INTEGRATED IR ILLUMINATOR	YES
AUTOMATIC HIGH LIGHT CUT-OFF SYSTEM TO PROTECT IMAGE INTENSIFIER TUBE	YES
INTERNAL LED INDICATORS FOR IR ON AND LOW BATTERY	YES

#### MECHANICAL ADJUSTMENTS

INTERPUPILARY ADJUSTMENT	52 TO 75 MM
FLIP-UP FUNCTION	BINOCULAR IS AUTOMATICALLY SWITCHED OFF WHEN IN THE FLIP-UP POSITION
INDEPENDENT MONOCULAR FLIP-OUT STOW	YES

\*Fixed diopter lens configuration without variable gain control

\*\*Fixed diopter lens configuration

Complete range of accessories available

The F5032's unique close-focus technology allows users to perform intricate, critical tasks with more clarity than competing night vision binoculars. 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 to minimize eye strain.

An intuitive vertical viewing capability recognizes when the binocular is in use and prevents shut-off from activating when a user tilts their head. An auto shut-off engages only when the goggles are in the stowed position.

Most binoculars require a separate IR illuminator for caves, buildings, underground or other zero-light conditions. The F5032 includes an integrated LED infrared illuminator, reducing the need for additional equipment while keeping you ready to command the dark in any situation.

### US NIGHT VISION CORPORATION

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