

F5035



KEY BENEFITS

- Gen 3 18mm gated image intensification tubes providing the highest performance and reliability in low-light conditions
- High resolution, high gain, and very high photoresponse in visible and near infrared spectrum
- Side stow and flip-up stow with automatic system shutoff
- Interpupillary distance (IPD) adjustment stops so binocular spacing can be configured to the warrior
- Variable gain control for manual brightness adjustment
- Integrated IR illuminator for zero-light areas
- Adjustable diopter lenses
- Lightweight polymer hybrid optics
- Standard dovetail interface
- System serviceable at unit level and is compatible with AN/PVS-14 tool kit
- Proudly designed and manufactured in the USA

BUILT FOR WARRIORS. MADE WITH AMERICAN GRIT.

For the warrior who demands trusted, rugged night vision, our F5035 delivers battle-ready performance and seamless compatibility.

Proudly built in Roanoke, VA, F5035 empowers warriors with ruggedized housing, lightweight optics, maintainability, and field upgradability—all backed by Advanced Defense Systems's trusted legacy as a night vision system and image intensification tube manufacturer.

The F5035 features lightweight polymer hybrid optics, improved battery life, uses less energy in a powered-down state, and was designed for ease of maintenance, reducing mean time to repair.

F5035 supports drop-in tube upgrades, and provides backwards compatibility with components of the AN/PVS-14 monocular system.

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STANDARD ACCESSORIES

- F5035 night vision goggle
- Soft case with accessories including eyecups, demist shields, and sacrificial lenses
- Operator manual
- Quick reference card (QRC)

OPTIONAL ACCESSORIES

- External battery pack
- Helmet Mounts



SYSTEM SPECIFICATIONS

OPTICAL

FIELD OF VIEW	40° NOMINAL
MAGNIFICATION	1X
DIOPTER ADJUSTMENT, ADJUSTABLE CONFIGURATION	+2 to -6 diopters
FOCUS RANGE	25 cm to infinity

PHYSICAL

WEIGHT (WITH LITHIUM BATTERY)	525 grams
IMMERSION	1 meter

ELECTRICAL

BATTERY TYPE	One AA size battery (lithium or alkaline)
BATTERY LIFE	24 hours depending on battery type and operating temperature
EXTERNAL BATTERY CONNECTION	Bridge Integrated