

SNVG-BNVS™



- ◆ Two Image Tube Night Vision
- ◆ Lightweight and Robust
- ◆ Two Mount Options
- ◆ Single CR123 Battery Std.
- ◆ Available in Black or Tan
- ◆ Rugged and Submersible



Generation 3 Night Vision Technology

The SNVG-BNVS™ (Binocular Night Vision System) is the premier twin-image tube device optimized for night-time operations.

- ▶ Two Image Intensifier Tube Design for Superior Depth Perception and Low-Light Imaging
- ▶ Operator-Swappable Dovetail or Ball (ANVIS-type) Mount Options (Dovetail is Standard Config.)
- ▶ Ideal for Demanding Field Conditions, Vehicle Operation and Maritime Maneuvers
- ▶ Manufactured with Rugged, Lightweight Composite for Operator Comfort During Extended Use
- ▶ Submersible to 20 meters (66 feet) and Built with Mil-Spec Components and Optical Assemblies
- ▶ Intuitive Horizontal and Fore/Aft Tilt Adjustments for Operator Customization and Fit
- ▶ Automatic Gain Control Standard and Optional Manual Gain Control Available
- ▶ Multiple Power Options (Clip-On Power Supply (COPS), External Battery Pack, Etc)
- ▶ Aviator Optical Assemblies with Aviator-Type Accessory Options Available
- ▶ Standard Configuration uses PVS-14-Type Accessories (Demist Shields, Sacrificial Filters, Etc)
- ▶ 5 cm (2 inches) Shorter and 135.8 g (.3 pound) Lighter than PVS-15 Binocular Night Vision*

* As Compared with SNVG-BNVS utilizing PVS-14-Mil-Type Optics and Dove Tail mount



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Summit Night Vision Group is a U.S. Service-Disabled, Veteran-Owned Small Business.

SNVG-BNVS™

SNVG-BNVS SPECIFICATIONS

OPTICS	FIELD OF VIEW (FOV)	40°
	OBJECTIVE LENS DIAMETER	27mm (1.1in)
	OUTPUT LENS DIAMETER	38 mm (1.5 in)
	MINIMUM FOCUS DISTANCE	25 cm (9.8 in)
	MAGNIFICATION	1X
	EYE RELIEF	25 mm (1 in)
	DIOPTER ADJUSTMENT	+2 to -6
PHYSICAL/ENVIRONMENTAL	WEIGHT (W/BATTERY, EYECUPS)	590.2 g (1.3 lbs) - Dovetail, Std. Optics 601 g (1.3 lbs) - Dovetail, ANVIS Optics 654.8 g (1.4 lbs) - Ball Mount, Std. Optics 665.6 g (1.5 lbs) - Ball Mount, ANVIS Optics
	SIZE (W/STANDARD MIL-SPEC PVS-14-TYPE OPTICS, W/BATTERY, W/O EYECUPS)	Dovetail - 11.5 cm L x 12 cm W x 7.4 cm H (4.5 in L x 4.7 in W x 2.9 in H) Ball Mount - 11.5 cm L x 12 cm W x 10.2 cm H (4.5 in L x 4.7 in W x 4 in H)
	OPERATING TEMPERATURE	-40°C to 45°C (-40°F to 113°F)
	STORAGE TEMPERATURE	-50°C to 60°C (-58°F to 140°F)
	COMPOSITE HOUSING COLOR	Black or Desert Tan, non-reflective finish
	STANDARDS	MIL-STD-810F Compatible
	SUBMERSIBILITY	2 atm/20 m/66 ft for 1 hour
	MOUNT	Dovetail-Type Standard (ANVIS-type Ball Mount Optional)
POWER	OPERATING TIME	> 30 hrs with Standard CR123 Battery
	POWER SOURCE	1 CR123 Lithium Battery (3V) (Available ANVIS-Type External AA/CR123 Battery Pack and Clip-On Power Supply Options)

SNVG-BNVS INCLUDES:

SNVG-BNVS BINOCULAR NIGHT VISION SYSTEM (BLACK OR TAN)
OUTPUT EYECUPS (2)
1 3V CR123A BATTERY
SOFT CARRY CASE
DOVETAIL-TYPE MOUNT
DEMIST SHIELDS (2)
SACRIFICIAL FILTERS (2)
NECK CORD
OPERATOR MANUAL
LENS TISSUE

SNVG-BNVS OPTIONS:

USER-SWAPPABLE BLACK OR TAN BALL MOUNT (AVIATOR-TYPE)
MANUAL GAIN CONTROL
CLIP-ON POWER SUPPLY(COPS)
EXTERNAL ANVIS-TYPE BATTERY PACK (AA/CR123)
HELMET MOUNTS FOR VARIOUS TACTICAL AND AVIATOR-TYPE HELMETS



SNVG-BNVS NIGHT VISION IMAGE TUBE OPTIONS

GEN 3 STD COMMERCIAL TUBE	57-64 lp/mm typical
GEN 3 STD COMMERCIAL GATED TUBE	57-64 lp/mm typical, Gated (US Only)
GEN 3 CATALOG-SPEC GATED TUBE	64 lp/mm min, 21 SNR min, Gated (US Only)
GEN 3 1400 FOM EXPORTABLE TUBE	64 lp/mm min, 18 SNR min, 1152FOM min, 1400 FOM (Max)
GEN 3 1600 FOM EXPORTABLE TUBE	64 lp/mm min, 21 SNR min, 1344 FOM (Min) 1600 FOM (Max)
OTHER TUBE OPTIONS	Various GEN 3 Spec, GEN II and other options - Ask your Summit Sales Rep for Details



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