



THE RNVG-MICRO

Night Vision Inc. is proud to announce a new variant of the RNVG. The RNVG-MICRO16 is designed to utilize ultra-lightweight and compact 16mm Photonis image tubes to provide a slimmer, lighter, and modern option for end-users. The Photonis 16mm tubes have been designed to meet SWaP requirements with reduced weight, size, minimum power consumption, and state of the art performance. The weight of the 16mm Photonis image intensifier tube has been reduced by 30 grams when compared to standard 18mm tubes, while the overall tube volume has been reduced by 40%. Careful design combined with advanced machining techniques has kept the weight of the RNVG down to a very competitive level. The RNVG-MICRO16 is an extremely tough, full featured night vision binocular. Any user familiar with PVS-14 style devices will find the controls to be intuitive. The switch and focusing functions are identical to the PVS-14. The switch has 3 positions: Off, On, and On with IR illuminator. Like the PVS-14, the switch does not cut power to the tubes

when changing positions to turn the IR illuminator on. The RNVG has IR signaling capability. As a safety feature, the switch knob must be pulled out to turn the IR illuminator on.



An IR spot/flood adapter is included if the user desires more range from their IR illuminator. When a night vision binocular is dropped and broken, it will most likely fail at the joint between the optical pods and the bridge. However, on the RNVG, both the optical pods and bridge are CNC machined from solid billet 7075 aluminum to prevent breakage. This material is 36% stronger than most common steel materials used, making the RNVG the most rugged night vision goggle in production. It is available in Black, Coyote Tan, and FDE.

The RNVG is designed to work off one onboard CR123 battery, or with a ANVIS/Battle Battery Pack via the integrated LEMO port. This ensures that users always have a power source on hand, no matter where they happen to be. The binocular has a battery life of approximately 30 hours on a lithium CR123, and flashes a low battery indicator within the optics when the battery needs changing.

Magnification	1x
Field of View	40°
Battery Life	30 hrs
Battery	1 x CR123
IR Illuminator	Built In
Diopter Adjustment	+2 to -6dpt
Environmental Rating	Submersible to 66ft