

## NIGHT VISION INC. / AB NIGHTVISION INC. RNVG

The **RNVG** is an extremely tough, full featured night vision binocular. Any user familiar with PVS-14 goggles 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 can be used 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, both the optical pods and bridge on the RNVG are CNC machined from solid billet 7075 aluminum to prevent breakage. This material is 36% stronger than most common steel making the RNVG the most rugged night vision goggle in production. Careful design combined with advanced machining techniques have kept the weight of the RNVG down to a very competitive level at 555 grams (without battery). The goggle is available in Flat Black, Coyote Tan, and Flat Dark Earth.



**The RNVG is designed to work off a single AA battery:** Ensuring that users can find a power source at a local store no matter where in the world you happen to be. The binocular has a battery life of over 16 hours on a lithium AA and flashes a low battery indicator within the optics when the battery needs changing. The optical pods can be assembled in the MOD-3 Binocular Bridge to form a full function binocular. A latching mechanism firmly holds the Optical Pods in place and is easily manipulated with one finger. Installing or removing the Optical Pods is accomplished in just a couple seconds.

**RNVG optics feature a full range of adjustment:** The mil-spec objectives allow the user to focus between 9.8 inches and infinity, while the mil-spec eyepieces offer a diopter adjustment range of -6 to +2.

The interpupillary distance is adjustable to match the users eye spacing from 51mm to 73mm.

### **RNVG Binocular Specifications:**

Tubes: Compatible with mx-10160 style

Optics: Compatible with PVS-14 Eyepiece and Objective

Battery: 1 AA Size Battery

Weight: 555g without battery, 570g w/ Lithium Battery

Dimensions: 4.7" x 4.2" x 2.8"

Magnification: (1X) One Power

IR Illuminator: Built In, Accepts Spot/Flood Adapter

IP Adjustment: 51mm to 73mm

Diopter Adjustment: -6 to +2

Eye Relief: 25mm

Field of View: 40 Degrees

Intensifier Tubes: Compatible with MX-10160 Style

Water Resistance: Submersible up to 66ft.

Warranty: 5 years on housing and service per policy.