

Abstract

A BNVD includes a pair of night vision monocular scopes which pivotally and adjustably depend from a central housing portion. The central housing portion and the two night vision monocular scopes cooperatively define a singular gas envelope, which allows the entire BNVD to be purged of moist air and back filled with dry nitrogen gas to prevent fogging while requiring only a single purging port. Further, the central housing portion contains a single battery and a single voltage step up circuit powering both image intensifier tube modules of the two monocular night vision scopes. In order to provide for interpupillary distance adjustment, the central housing portion and each of the monocular night vision scopes defines a sealed pivot mechanism which also allows for electrical connection between the central housing portion and each of the night vision scopes.

This Sheet Has Been Replaced

