

## **AB NightVision Inc**

*When Quality Counts*

### **STORM Helmet Mount from AB NightVision Inc.**



The AB NightVision, Inc. **STORM Helmet Mount** is designed to work with night vision goggles using ball-plunger type interfaces. These include the ANVIS-9 (F4949), AVS-6, AN/PVS-23 (F5050), and GPNVG-18 Panoramic Night Vision Goggles, and will fit into any standard bracket style helmet mount.

The frame of the mount is made from 7075-T651 aluminum alloy, which is 36% stronger than common 1018 steel, and 7X stronger than Delrin plastic, another common mount material. Made from the same rigid material, the front body frames don't flex and spring like a plastic mount, which means the NVG will be much more secure. As well, the design incorporates retention features, located above and below the NVG ball-head, to securely retain the NVG during jumps, bumps, and parachute openings.

The mounts have controls familiar to anyone who has used an ANVIS style mount before. When the NVG is in the flipped-down position, the mount allows users to adjust for the perfect placement in relation to their eyes. When the NVG is flipped up, power is automatically cut off, and the goggle is held securely out of the way until needed. CNC machining on the STORM mounts ensures strict tolerances for rock-solid lock-up and reliable function. They feature a ball-detent Jackscrew for precise vertical adjustment that won't change position with vibrations or use. The vertical travel spans 1.25 inches and can be easily adjusted while wearing gloves.

The STORM Mounts also feature redundant power delivery to the goggle for enhanced reliability. These helmet mounts work with the standard 4-pin LEMO style connectors found on the ANVIS battery packs and many other common battery packs. Only one exposed cable ensures a minimal snag hazard and incorporates a retention system to prevent the cable from pulling out of the mount.

#### **Specifications:**

|                       |   |
|-----------------------|---|
| NVG Compatibility:    | ANVIS-9 (F4949), AVS-6, AN/PVS-23 (F5050), and GPNVG-18 Panoramic Night Vision Goggles  |
| Helmet Compatibility: | All Common Ground Helmets with NVG Front Bracket Plate or Shroud.<br>The STORM-ACH version is angled to properly interface with the steeper slope of an ACH/MICH Helmet.<br>The STORM-OPS version is angled to properly interface with the shallower slope of helmets such as OPS-Core FAST, Cyre AirFrame, MTEK Flux, or Team Wendy. |
| Power Supply:         | Accepts Standard 4-Pin Lemo Connector such as ANVIS Battery Pack.   |
| Cable Length:         | 8 in. Standard (Can be customized upon request)   |
| Low Battery LED:      | Available upon request  |
| Frame Material:       | 7075- T651 Aluminum Alloy   |
| Weight:               | 4.1oz (116g)  |
| Vertical Adjustment:  | 1.25 inch (32mm)  |

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