

DTNVS33 Night Vision Binocular



The DTNVS33 is a Product, integrating four years of service with military, law enforcement, and civilian end-users worldwide, resulting a lighter weight, yet more durable housing with numerous improvements and design enhancements that make the DTNVS 33 easier to support and maintain. The DTNVS33 is a lightweight, articulating goggle design, and is built on proven technology and enhanced for greater reliability compared to previous generations of Night Vision Binoculars. Assembled with China smaller tubes, DTNVS33 is one of the lightest weight, highest performing BinocularNight Vision Devices (BNVD) currently available on the market. Despite the light weight, the DTNVS33 does not sacrifice durability or ruggedness, and meet MIL-STD-810G test protocols for drop and impact by a factor of two. The DTNVS 3 3 is also rated for water immersion at IP67.



Specification:

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| Housing | Nylon |
| Helmet mount | included |
| Rear battery pack | optional |
| Tube | Gen 2+ , Gen 3 |
| Distance | At visibility 5km, illumination 0.001lx, its detection distance of human (1.7mX0.5m) can be 100- 250 meters. |
| Resolution | 50-72 lp/mm |
| Signal to noise | 28 |
| Sensitivity | 800-2000 |
| FOV | 40-51° |
| Diopter adjustment | ±5° |
| Weight: | ≤553g (mount and battery are not included) |
| Dimension | 73.5mm(L) x102mm(W) x 108mm(H) |
| Battery | CR123A |
| Working time: | with full charged battery, ≥ 50h |
| MTTF | 1000 hours |
| Working time: | 50 hours (with fully charged battery) |
| Objective lens: | 26mm |
| Interpupillary distance | adjustable |
| Flip degree of -left-right monocular: | 50-140 |
| Bright light-off: | yes |
| Gain | Auto gain |
| High temperature: | 60±2℃, working normally 2 hours |
| Low temperature: | -40±2℃, working normally 2 hours |
| Protection | IP66 |
| Interface: | Standard WILCOX, one button to dispatch the PVS31C |