

NADS

Night Augmented Day Sight
using image intensifying technology



DiOP

Diversified Optical Products, Inc.

The US Army has conducted competitive tests and has singled out the NADS-750, 850, and 1000 as superior in performance and reliability. System performance is designed into our NADS products.

The sights are designed as clip-on night augmentation devices engineered to be adapted to the day sights, permitting the use of the day sights in extreme low light level conditions.

The system engineering was focused on achieving the following objectives:

enhanced resolution, increased transmission, improved hardened mount, increased range, boresight retention and zero retract.

Clip On

Night Sights



TADS 850



TADS 114

The TADS systems offers night vision in complete darkness through the weapon's day-sight using uncooled 8-12 μ m microbolometer focal plane array technology. DiOP utilizes its proprietary signal processing techniques, which produce thermal images of unsurpassed quality for an uncooled thermal imaging product.

The TADS system has been successfully deployed and has achieved the same live-fire reliability as our NADS clip-on night sight.

Easily interchangeable...

TADS

Thermal Augmented Day Sight
using thermal imaging technology

- ❖ Retractable Zero
- ❖ Enhanced Ranges
- ❖ Demonstrated Performance

DiOP's Clip-On Night Sights enjoys the complete confidence of the user community...

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NADS: low light level imaging

Key Features:

- Flexibility; NADS 750, 850, 1000 Depending on mission requirements
- Lethal Range in excess of 800 meters
- Options: Sealed to 66ft, Laser Illumination
- Proven Mounting System, no loss of boresight with repeated removal and re-attachment
- Powered by "AA" Batteries
- GEN III, OMNI IV tube
- Uses existing daysight

TADS: 8-12 μ m thermal imaging

Key Features of the TADS 850:

- Same Tri-mount as NADS System (direct replacement)
- Man-sized target acquisition tested to 1,015 meters
- No loss of boresight repeated removal and replacement
- Options: separate eye-piece scope for hand held applications
- Powered by 2 "D" Size Batteries
- Proven Microbolometer Technology
- Uses existing daysight

Key Features of the TADS 114:

- Extended range
- Hand held or clip-on
- Options include laser illuminator, motorized focus
- Operationally consistent with TADS 850



Weapons Systems Daysight Matrix:

- Leupold Model ULTRA 10X-M1
- Leupold Model ULTRA 16X-M1
- Leupold Model 10X-M3 MARK 4
- Leupold Model 16X-M3 MARK 4
- Leupold Model 3.5X to 10X Variable Power
- Leupold Model 1.5 x 5 Variable Power E
- Schmidt and Bender 3.5-12 x 50 mm
- Susat Sight Model X4
- Hendsoldt 10x

Weapon platforms:

- McMillian Model .308
- McMillian Model 300 Win Mag
- Barrett Model 50 Cal (M107)
- Colt Model M4
- KAC Model SR-25, SR-25K, SR-50
- Remington 308 Model M24;300 win Mag
- Armalite Model AR-10
- Accuracy Int 7.62 mm (L96)
- Accuracy Int LLR .338 Mag
- SA80 7.62 mm