



ADVANCED CENTRIC SYSTEMS B.V

NIGHT VISION THERMAL WEAPON SIGHTS

Product brochure



THE PROBLEM

Night combat operations, as well as urban warfare or special operations taking place under low-light conditions or in darkened environments, call for the employment of night vision devices for general vision and particularly for the effective use of weapons.

Thermal weapon sights are fully functional in total darkness and under low-light conditions. Additionally, thermal weapon sights are useful under extremely cold and snowy conditions owing to the temperature difference between the targets and their surroundings, which makes the targets stand out against the cold background.

THE SOLUTION

ACS presents NVTWS – Night Vision Thermal Weapon Sights: a range of dedicated thermal sights designed specifically for particular weapon types and tactical situations.

All NVTWS models utilize the uncooled thermal imaging technology and offer ergonomic design and easy operation, as well as superior image quality in total darkness or under low-light conditions.

KEY FEATURES & MAJOR ADVANTAGES

Key Features & Major Advantages

- Computer Range of uncooled thermal imaging weapon sights
- Models designed specifically for particular weapon types and tactical situations
- 640×480 pixel uncooled sensor
- Programmable reticles
- OLED display
- Integrated ballistic computer
- Light weight
- Up to 10 hours of continuous operation using two CR123 batteries

NVTWS Models & Specifications

| Sight Model | Magnification & Function | Objective Lens (mm) | Range – Recognition of Human Target (m) | Weight (grams) |
|-------------|--------------------------|---------------------|---|----------------|
|-------------|--------------------------|---------------------|---|----------------|

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|------------|---|-----|------|------|
| NVTWS-20 | X1 Shooter Weapon Sight/ Scope | 20 | 180 | 300 |
| NVTWS-40 | X1 Shooter Weapon Sight | 38 | 350 | 350 |
| NVTWS-75 | X4 Sharpshooter Weapon Sight | 75 | 700 | 1050 |
| NVTWS-75B | X4 Bi-Ocular Light Machine Gun Sight | 75 | 700 | 1300 |
| NVTWS-100 | X6 Long-Range Sharpshooter Weapon Sight | 100 | 900 | 1500 |
| NVTWS-100B | X6 Bi-Ocular Heavy Machine Gun Sight | 100 | 900 | 2200 |
| NVTWS-140 | X8 Extended Range Sharpshooter Sight | 140 | 1300 | 2500 |
| NVTWS-140B | X8 Extended Range Bi-Ocular Heavy Machine Gun Sight | 140 | 1300 | 3200 |