



Trijicon TANS (Thermal Advanced Night Sight) Trijicon ATWS™ (Advanced Thermal Weapon Sight)



Now darkness is an advantage, not a hindrance. When you have the Trijicon TANS or the new Trijicon ATWS™ mounted to your weapon, they can run—but they can't hide.

Designed for military and law enforcement applications, the new ATWS delivers crisp imaging through total darkness, fog, smoke, or dust; while the TANS optimizes target acquisition in low-light conditions.

INNOVATIVE

The new Trijicon ATWS is a long-wave thermal imaging sensor that mounts in front of magnified optics like the Trijicon ACOG.

With a 7° FOV (field of view) and 1x magnification, the new ATWS perfectly matches the FOV and magnification of the ACOG 4x32.

This allows shooters to maintain the FOV and 4x magnification of the target viewed through the ACOG – without altering the effectiveness of the bullet-drop compensator, battlesight zero, point of aim, and point of impact.

The TANS also mounts in front of an ACOG, maintaining boresight — allowing rapid aiming from a normal shooting position. It houses a fast catadioptric lens that collects the maximum amount of starlight for a brighter, sharper image.

VERSATILE

The ATWS also offers a 14° FOV with 0.5x magnification for an ATWS/ACOG system magnification of 2x, allowing for greater situational awareness. When a target is identified, the shooter can switch to a 7° FOV and engage.

Thermal contrasting is equally as versatile. A well-positioned button allows shooters to quickly toggle between white=hot and black=hot imaging— without the need for them to remove their hands from the firearm's fore-end.

PRACTICAL

The Trijicon TANS is manufactured with a combat-strong aluminum housing, and features a field-replaceable power pack designed to fulfill mission requirements on either one CR123 or two AA batteries.

The ATWS is encased in a rugged, military grade magnesium housing and powered by four CR123 lithium batteries in a modular cartridge that can be readily replaced with one hand, without the need for tools.



Model TANS-US



Model ATWS-US

UNIQUE

The Trijicon ATWS provides the smallest size, lightest weight and highest resolution (640 x 480 pixels) of any small-arms mounted thermal weapon sight in the world—all significant advantages in the field.



Trijicon ATWS™

(Advanced Thermal Weapon Sight)

Model ATWS



Delivers crisp imaging through total darkness, fog, smoke and dust.

Limited to military or law enforcement applications, the new Trijicon Advanced Thermal Weapons Sight (ATWS) is a dual-use (hand held / stand alone - weapons clip on), long-wave thermal imaging sensor.

The TWS maintains the FOV and magnification of the target viewed through the ACOG – without altering the effectiveness of the bullet-drop compensator, battlesight zero, point of aim, and point of impact.

Operation is easy. The ATWS powers up in white hot (default) mode, and a well-positioned button enables users to toggle to black hot at any time while maintaining support to the firearm.

The ATWS uses four standard CR123 lithium batteries in a field-replaceable power cartridge, and is mission capable for approximately five hours.

RMR (Ruggedized Miniature Reflex Mount)
Housing accommodates optional secondary sight.

Long-Wave Thermal Imaging Sensor
640 x 480 resolution microbolometer (uncooled).

Military Grade Magnesium Housing
Offers low weight and high strength.

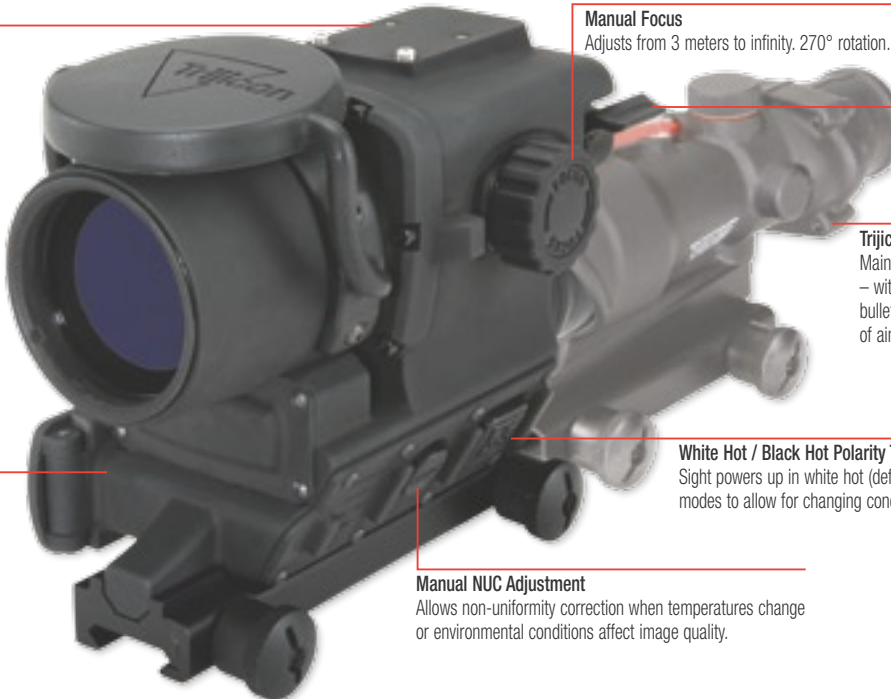
Manual Focus
Adjusts from 3 meters to infinity. 270° rotation.

Dual Fields Of View/Magnification
7° FOV/1x magnification (for clip-on use with ACOG) or 14° FOV/0.5x magnification (for stand-alone use).

Trijicon ACOG
Maintains the ACOG's FOV and magnification – without altering the effectiveness of its bullet-drop compensator, battlesight zero, point of aim, and point of impact.

White Hot / Black Hot Polarity Toggle
Sight powers up in white hot (default) mode, toggles between contrast modes to allow for changing conditions or operator preference.

Manual NUC Adjustment
Allows non-uniformity correction when temperatures change or environmental conditions affect image quality.



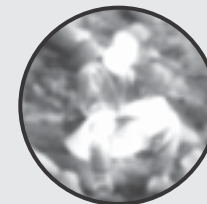
 **Proudly Made in the U.S.A.**

Trijicon ATWS Low-Battery Indicator:

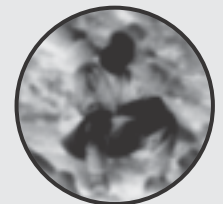
An illuminated, low-battery icon appears within the sight when 30 minutes (approx.) of power remain.

Easily Change Views:

The Trijicon ATWS toggles easily between white hot and black hot polarity. The camera powers up in white hot mode as a default setting.



White Hot



Black Hot

Trijicon ATWS with new Trijicon RMR™ Sight:

The ATWS features a specially designed platform for mounting the new Trijicon RMR™ (Ruggedized Mini Reflex™) Sight. Together, these two sights provide users with the ultimate in aiming versatility – and improved accuracy in virtually every shooting situation.

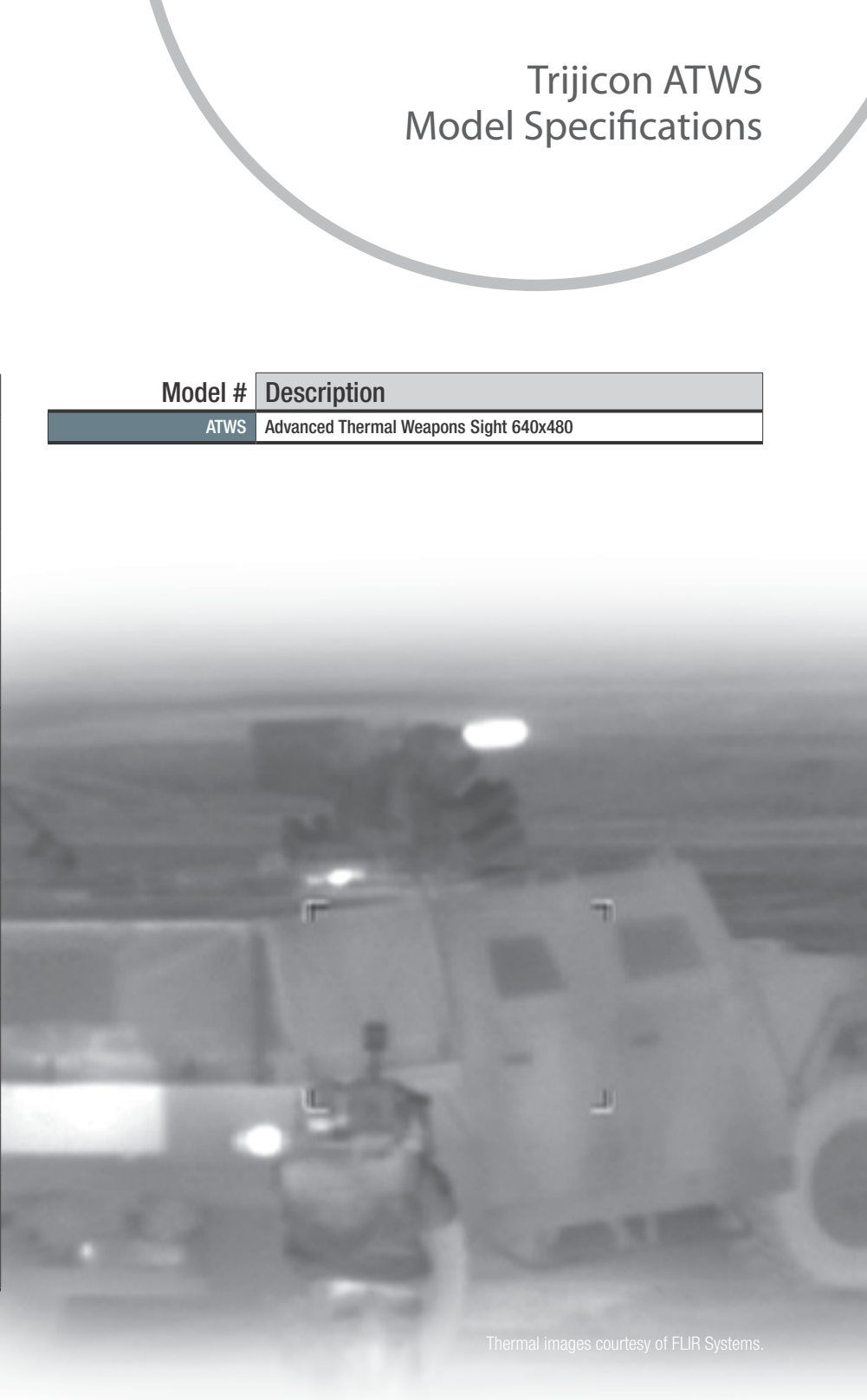


Trijicon ATWS

Model Specifications

| Model | ATWS |
|---------------------------------|--|
| Operating Principal | Long Wave Uncooled Microbolometer |
| Magnification | 1x (for Clip-On ACOG use) 0.5x (for Stand Alone use) |
| Sensor Resolution | 640 x 480 |
| Field of View | 7° (for Clip-On ACOG use) 14° (for Stand Alone use) |
| Focus Range | 3 ft. to Infinity |
| Operating Temperature | -40°C to +60°C / -40°F to +140°F |
| Immersion | Waterproof to 66 ft. (20.1m) |
| Dimensions (L x W x H) | 5.9 in. x 3.9 in. x 3.4 in. (149mm x 99mm x 86mm) |
| Weight w/ Batteries | 680 g. or 24 oz. |
| Power Source | (4) Type CR123 Lithium Batteries |
| Duration | 5 hours at 25°C |
| Low Battery Indicator | Yes (when approximately 30 minutes of power remaining at 25°C) |
| Polarity | Toggle between White Hot (Default mode) and Black Hot |
| NUC (non-uniformity connection) | Manual (Operator controls NUC) |
| Gain/Level | Automatic |

| Model # | Description |
|---------|--|
| ATWS | Advanced Thermal Weapons Sight 640x480 |



Thermal images courtesy of FLIR Systems.