



Trijicon® TANS (Tactical Advanced NightVision System)



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

VERSATILE

When night vision is mission or operation critical, demanding military and law-enforcement personnel look to the Trijicon TANS. This compact, universal and high-resolution night vision sight houses a fast catadioptric lens that collects the maximum amount of available starlight, enabling faster target acquisition, easier tracking and more precise aiming when ambient light is at a minimum. It's the ultimate tool to help ensure safer and more successful low-light missions.

Clearly an advantage under nighttime conditions, the Trijicon TANS provides superior versatility by not interfering or compromising daytime aiming. Designed for mounting in front of an existing day scope such as the Trijicon ACOG®, the TANS maintains boresight. This allows users rapid aiming from a normal shooting position and eliminates the need for adjustments, or worse yet, modify scope setup.

READY

Restricted for use to military and law-enforcement users only, the TANS is optimized for use with close-combat assault rifles. Readily installed and easy to use, the system mounts to MIL-STD 1913 rails and requires no zero sight adjustment.

The large, 33 mm output optic fills most day-scope objectives, producing a brighter and sharper output image. The low 1.5-inch optical centerline of the TANS enables parallax-free sighting, maintaining the centerline of the day sight.

TANS features a modular power pack system that is field-replaceable and accommodates both AA and CR123 power cells. This system will also accommodate a single AA battery.

TOUGH

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

A low-battery indicator is visible through the day scope. Temperature compensated, its indicator flashes briefly and does not interfere with the shooter's view of the target image.



Model TANS-US



2 AA Cell Configuration



1 CR123 Cell Configuration

Trijicon® TANS (Tactical Advanced NightVision System)



A Clear Advantage for Those Who Go In Harm's Way

For the first time, the new Trijicon TANS (Tactical Advanced NightVision System) gives military users and law enforcement officers a night vision unit that is compact, rugged and easy to use. It's also highly effective.

Designed for use with existing day scopes and made with a low, 1.5-inch optical centerline that's free from parallax errors, TANS optimizes target acquisition in close-quarter battles during low-light conditions.

Readily installed on MIL-STD 1913 rails maintaining day scope boresight, TANS permits fast aiming proficiency from normal shooting positions.

Compact and Universal

High-resolution, permanently aligned night vision sight for use with existing day scopes.

Multi-Use Design

Optimized for close combat assault rifles including the M4, M16, SCAR-L, HK416 and AK47*.

Fast f/0.9 Catadioptric Lens

Provides a brighter and sharper image in starlight.

Shock Mitigation System (SMS™)

Integrated to offer additional protection to the I² tube when used with high recoil weapons platforms.



Model TANS-US

Power Supply

Features a field-replaceable modular power pack system.

Large 33mm Output

Fully fills most day scope objectives, producing a brighter output image and maintaining the full exit pupil diameter at the eye.

Low 1.5 in. Optical Centerline

Does not alter day sight centerline (sighting system is free from parallax errors).

Easy Installation

Installs and removes without affecting boresight, eliminating the need for sight zero adjustment.



Proudly Made in the U.S.A.

Trijicon TANS Temperature-Compensated Low-Battery Indicator:

The view through the dayscope will change from the normal green to red when the battery power becomes low.



Normal view through the dayscope



Low Battery indication as viewed through the dayscope

For direct sales to governments and municipalities only.

*Contact Customer Service for platform compatibility. Requires a MIL-STD 1913 rail interface forward of the day sight.

Trijicon® TANS Model Specifications

Model	All TANS Models
Boresight Accuracy	1/2 MOA or better
Boresight Adjustments	None required
Boresight Repeatability	Within 1/2 MOA
Magnification	Unity
Optimum Dayscope Magnification	1x – 8x
Field of View	14°
Focus Range	3 meters – infinity
Image Intensifier Gain	1,000 – 75,000
Resolution (Minimum)	2.5 cy/mr
Resolution (Typical)	2.9 cy/mr
Objective Lens Focal Length	50mm
Objective Lens f/number	f / 0.9
Output Optic Exit Pupil Diameter	33mm
Weight (without batteries)	24 oz.
Length	6 in.
Maximum Height Above Rail	3.0 in. (M4 style)
Controls	On/Off/Gain, Rear-mounted focus
Battery Life	2 AA Cells: >56 hrs. @ 25°C or 1 CR123 Cell: >38 hrs. @ 25°C
Weapon Interface (to MIL-STD 1913 rail)	Single-lever locking
Operating Temperature Range	-30°C to +60°C
Typical Platforms	Close-combat assault rifles, including M4, M16, HK416, AK47*
Weapon Interface	MIL-STD 1913
Submersion	66 feet for 2 hours

Model	TANS-US GEN 3 AUTOGATED	TANS-NATO INTERNATIONAL 1600	TANS-EX INTERNATIONAL 1250
Image Intensifier (I2)	Autogated Pinnacle, USA only	Gen 3: 1600 FOM	Gen 3: 1250 FOM
Facial ID Range, Low – Optimum	Starlight: 65 – 90 meters	Starlight: 60 – 85 meters	Starlight: 55 – 80 meters
Contrast – (6 cycles resolved across 0.2m)	1/4 Moon: 90 – 105 meters	1/4 Moon: 85 – 105 meters	1/4 Moon: 80 – 100 meters
Man Det. Range, Low – Optimum	Starlight: 640 – 880 meters	Starlight: 590 – 840 meters	Starlight: 550 – 800 meters
Contrast – (1.5 cycles resolved across 0.8m)	1/4 Moon: 880 – 1070 meters	1/4 Moon: 850 – 1050 meters	1/4 Moon: 810 – 1010 meters

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Export of this product is regulated by the U.S. Department of State in accordance with guidelines of "International Traffic Arms Regulation (ITAR)" per Title 22, Code of Federal Regulations, Parts 121-128. For regulation details, please contact Trijicon Export Compliance 1-248-960-7700 or e-mail exportcompliance@trijicon.com.

