

TAG-32™

TAG-32S: 24.1° HFOV, 1.0 MAG
TAG-32M: 13.2° HFOV, 1.8 MAG
TAG-32L: 7.7° HFOV, 3.1 MAG

Rev. 20 MAY 11

Thermal Acquisition Goggle

TAG-32S shown below.



The TAG series of products are reliable, high performance, and intuitive handheld thermal binoculars designed to increase combat effectiveness of forward observers by enhancing the ability to detect, recognize, and identify hostile threats. Boasting a variety of optical configurations, the TAG incorporates the latest 320 x 240 (25µm) VOx detector technology to enhance range performance.

The TAG is ideal for low visibility observation at a wide number of ranges and designed using currently fielded U.S. Military night vision components for improved reliability and ease of integrated logistic support.

The TAG comes standard with a tripod mount to be used in conjunction with a standard 1/4 -20 tripod. Tripod mounting along with optional video out capabilities and external power supply allow for hands-free observation. An optional AN/PVS-7 bayonet style helmet mount is also available.

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FEATURES*

- MIL-STD 810 Compliant
- CR123 Batteries
- Rugged Design
- Range Focus from 2m to Infinity for TAG-32L
- Optional Video Out
- Optional 2X/3X Afocal Lenses for TAG-32S
- Comfort Fit Neck Strap
- Standard Tripod Mount
- Direct Button Functions
 - 2x Digital Zoom
 - Polarity
 - Display Brightness
- Menu Functions
 - Reticle Select
 - Azimuth Adjust
 - Elevation Adjust

For more information on the TAG-32 or other Nivisys products call (480) 970-3222 or visit us on the web at www.nivisys.com.

Made in USA

www.nivisys.com

TAG-32 BASIC KIT:

- TAG-32S, TAG-32M or TAG-32L
- Soft Carry Case
- CR123 Batteries (2ea.)
- Shoulder Strap
- Demist Shield (2ea.)
- Cleaning Kit
- Neck Strap
- Operator Manual
- Quick Reference Guide



FEATURES



19mm Lens Cover (TAG-32S)
 Flip-up design with integrated automatic calibration feature.



35mm Lens Cover (TAG-32M)
 Ruggedized design protects against harsh environments.



60mm Lens Cover (TAG-32L)
 Ruggedized design allows for custom user positioning.



Helmet Mount (OPTIONAL)
 Attached to helmet allowing for hands free operation.



2X/3X Afocal Lens (OPTIONAL)
 Increase your magnification for longer range observation.



Head Mount (OPTIONAL)
 Allows for hands free operation without the use of a helmet.



RS-16 (OPTIONAL)
 Operate the TAG-32 from a remote position.



X-VID (OPTIONAL)
 Export video (NTSC or PAL) from the TAG to a monitor or recording device using a standard RCA input.

SPECIFICATIONS*

Sensor

320 x 240 Vanadium Oxide (VOx) Microbolometer
 Uncooled 30 hz frame rate

Thermal Sensitivity

<50mK

Spectral Response

7 – 14µm

Objective

19mm f/1.25 (TAG-32S)
 35mm f/1.4 (TAG-32M)
 60mm f/1.1 (TAG-32L)

Polarity

white hot / black hot

Field of View

24.1° H x 19.1° V (TAG-32S)
 13.2° H x 10.4° V (TAG-32M)
 7.7° H x 6.1° V (TAG-32L)

Battery Type/ Life

2 each DL123A 3v Lithium
 Over 4.5 hours continuous

Weight (with batteries)

625g (TAG-32S)
 675g (TAG-32M)
 801g (TAG-32L)

Dimensions (L x H x W cm)

18.8 x 6.5 x 14.7 (TAG-32S)
 20.1 x 7.1 x 14.7 (TAG-32M)
 22.1 x 7.9 x 14.7 (TAG-32L)

Display

OLED - 800 x 400

Diopter Range

+2 to -6

Eye Relief

15mm

Environmental

-20°C to +50°C (operating temp.)
 -20°C to +70°C (storage temp.)

*Specifications are subject to change without notice.

