

TAG Series

Rev.9 Sept 2015

Thermal Acquisition Goggle

TAG-32iE 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 uncooled VOx detector technology for optimal 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 Series is offered in a variety of resolutions and objective lenses, providing a variety of fields of view and target detection ranges. The TAG Series models include image capture to an internal memory and review of still images on the internal micro-display. Video and still images may be downloaded and captured to a SD card using our optional Audio Visual Kit.

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FEATURES*

- **Rugged Design**
- **Simple 3 Button Operation**
- **Focusable Objective for TAG-32L and TAG-32E**
- **Video Out (RS-170)**
- **Comfort Fit Neck Strap**
- **Image Capture and Review**
- **MIL-STD 810 Compliant**
- **Direct Button Functions**
 - Digital Zoom
 - Polarity
 - Display Brightness
- **Menu Functions**
 - Reticle Select
 - Windage Adjust
 - Elevation Adjust
 - Display Color Options
 - Video Out Enable

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

TAG BASIC SYSTEM:

- TAG Basic Unit
- Soft Carry Case
- CR123 Batteries (2ea.)
- Shoulder Strap
- Demist Shield (2ea.)
- Cleaning Kit
- Neck Strap
- Operator Manual
- Quick Reference Guide



COMMON SPECIFICATIONS*

Sensor

Vanadium Oxide (VOx)
Microbolometer, Uncooled
60hz frame rate
(30hz frame rate for -64 models)

Thermal Sensitivity

<50mK

Spectral Response

7 – 14µm

Battery Type/ Life

CR123 Lithium (2ea.)
4 hours continuous

Diopter Range

+2 to -6 minimum

Eye Relief

25mm

Environmental

MIL-STD-810F

Calibration

On- Demand

COLOR MODES:



Alert



Mono



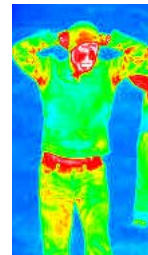
Color 1



Color 2



Color 3



Color 4

MODEL DEPENDENT SPECIFICATIONS*

*All specifications are subject to change without notice.

Model	Sensor Resolution, Pixel Size	Objective Lens	Mag	FOV (H x V)	Weight (w/ bat)	Dimensions (L x H x W)	Detection: Man/ Vehicle	Display	Operating Temp
TAG-32cM	Standard 324 x 256, 25µ (Optional 336 x 256, 17µ)	35mm f/1.4	1.8 (2.8)	13° x 10° (9° x 7)°	675g	20.1 x 7.1 x 14.7cm	719m/1368m (883m/1679m)	LCD	-10° to +45° C
TAG-32iM								OLED	-40° to +55° C
TAG-32cL		60mm f/1.25	3.1 (4.8)	8° x 6° (5° x 4)°	801g	22.1 x 7.9 x 14.7cm	1138m/1950m (1454m/2756m)	LCD	-10° to +45° C
TAG-32iL								OLED	-40° to +55° C
TAG-32cE		100mm f/1.4	5.4 (8.0)	5° x 4° (3° x 2.5)°	1098g	27.1 x 8.3 x 14.7cm	1862m/3345m (2561m/3900m)	LCD	-10° to +45° C
TAG-32iE								OLED	-40° to +55° C
TAG-64cM	640 x 512, 17µ	35mm f/1.4	1.4	18° x 13°	675g	20.1 x 7.1 x 14.7cm	883m/1679m	LCD	-10° to +45° C
TAG-64iM								OLED	-40° to +55° C
TAG-64cL		60mm f/1.25	2.3	10° x 8°	801g	22.1 x 7.9 x 14.7cm	1454m/2756m	LCD	-10° to +45° C
TAG-64iL								OLED	-40° to +55° C
TAG-64cE		100mm f/1.4	4.0	6° x 5°	1098g	27.1 x 8.3 x 14.7cm	2561m/3900m	LCD	-10° to +45° C
TAG-64iE								OLED	-40° to +55° C

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