TAWS Series

NIVISY.

Thermal Acquisition Weapon Sight

TAWS-32cL shown below.



The TAWS Series is our dedicated thermal weapon sight line. Of course it is versatile enough to be used as a hand-held unit when needed and can easily be mounted and detached from any standard Picatinny rail system using the double throw lever mount. The TAWS Series gives the operator enhanced surveillance and targeting capability during night and adverse weather conditions. User selectable reticles and digital windage and elevation adjustments are readily available through the onboard software and the monocular can be easily bore-sighted to any weapon. An included remote control switch provides increased flexibility for the user, integrating the sight and the weapon.

The TAWS Series units are easy to operate with simple and intuitive controls, with standard features such as polarity, display brightness and digital zoom. The user menu provides a selection of display modes including color or monochrome and contrasting reticle color, enabling the user to optimize the viewed image for the target and scene conditions.

The TAWS Series objective lens is offered in a variety of focal lengths providing a choice of fields of view and target detection ranges. The TAWS 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*

- Compact and Rugged
- Remote Switch
- Weapon Mounted or hand-held
- Simple User Operation
- Still Image Capture and Review
- Color Display
- Selection of Reticles
- Direct Button Functions 2X, 4X Digital Zoom Polarity Display Brightness Battery Check
 - Menu Functions Reticle Select Windage Adjust Elevation Adjust Display Color Options Video Out Enable

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



TAWS SERIES BASIC SYSTEM:

- TAWS Basic Unit
- Soft Carry Case with Strap •
- CR123 Batteries (2ea.) ٠
- Open Eye Cup •
- Lens Cover •
- Weapon Mount •
- Lens Cleaning Kit •
- **Demist Shield**
- **Remote Switch**
- **Operator Manual**
- Quick Reference Guide •

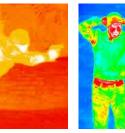


COLOR MODES:









Color 3

Color 4

COMMON SPECIFICATIONS*

Sensor

Vanadium Oxide (VOx) Microbolometer Uncooled 30hz frame rate

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

MODEL DEPENDENT SPECIFICATIONS^{*}

*All specifications are subject to change without notice.

Model	Sensor	Objective Lens	Mag	FOV (H x V)	Weight (w/ bat)	Dimensions (L x H x W)	Detection: Man/ Vehicle	Display	Operating Temp
TAWS-16cM	_ 160 x 120, 25µ	35mm f/1.4	2.3	7º x 5º	590g	15.2 x 6.8 x 6.8cm	695m/1328m	LCD	-10º to +45º C
TAWS-16iM								OLED	-40° to +55° C
TAWS-32cM	320 x 240, 25μ (17μ optional)	35mm f/1.4	1.8 (2.7)	13º x 10º (9º x 7º)	590g	15.2 x 6.8 x 6.8cm	719m/1368m (883m/1679m)	LCD	-10° to +45° C
TAWS-32iM								OLED	-40° to +55° C
TAWS-32cL		60mm f/1.25	3.1 (4.6)	8° x 6° (5° x 4°)	724g	18.0 x 6.7 x 7.4cm	1138m/1950m (1454m/2756m)	LCD	-10º to +45º C
TAWS-32iL								OLED	-40° to +55° C
TAWS-32cE		100mm f/1.4	5.4 (7.7)	5° x 4° (3° x 2.5°)	1167g	24.9 x 8.6 x 8.6cm	1862m/3345m (2561m/3900m)	LCD	-10º to +45º C
TAWS-32iE								OLED	-40° to +55° C
TAWS-64cM	640 x 480, 17μ	35mm f/1.4	1.4	18º x 13º	590g	15.2 x 6.8 x 6.8cm	883m/1679m	LCD	-10º to +45º C
TAWS-64iM								OLED	-40° to +55° C
TAWS-64cL		60mm f/1.25	2.3	10º x 8º	724g	18.0 x 6.7 x 7.4cm	1454m/2756m	LCD	-10º to +45º C
TAWS-64iL								OLED	-40° to +55° C
TAWS-64cE		100mm f/1.4	4.0	6º x 5º	1167g	24.9 x 8.6 x 8.6cm	2561m/3900m	LCD	-10º to +45º C
TAWS-64iE								OLED	-40° to +55° C

Made in USA