

UTAC-Series

Rev. 04 Feb 2015

Universal Thermal Acquisition Clip-On

UTAC-32STS shown below.



The UTAC Series welcomes a new product into their family of clip-on thermal imagers. The UTAC-STs features an IR targeting laser for team members using night vision gear. The UTAC Series sights are weapon mounted forward of your day sight without any requirement to re-sight your weapon and allows for fast reaction in rapidly changing combat environments.

The UTAC provides the operator enhanced surveillance and targeting capability during night and adverse weather conditions. The UTAC is compatible with ACOG/RCO and many other traditional day sights. The superior optical design contributes to excellent image quality and the ability to maintain point of aim/point of impact at significant ranges. The UTAC Series features Nivisys' Patent Pending "Accu-Zoom" technology, enabling the use of digital zoom in clip on weapon mounted sights with no loss of accuracy.

The UTAC Series is offered in a variety of resolutions and objective lenses, providing a variety of fields of view and target detection ranges. The UTAC 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, Rugged Design**
- **Wired Remote Operation**
- **Low Power Consumption**
- **Clip-on Weapon or Hand-held for surveillance**
- **Simple 3 Button Operation**
- **Single Throw Lever Mount**
- **Video Out (RS-170)**
- **IR Targeting Laser Available in STS System**
- **Image Capture and Review**
- **Direct Button Functions**
 - Digital Zoom
 - Polarity
 - Display Brightness
- **Menu Functions**
 - Reticle Select
 - Reticle Color (R, G, W)
 - Windage Adjust
 - Elevation Adjust
 - Display Color Options
 - Video Out Enable

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

UTAC Series BASIC SYSTEM:

- UTAC Basic Unit
- Soft Carry Case
- Case Shoulder Strap
- CR123 Batteries (2ea.)
- Lens cover
- Coupling Hood
- Weapon Mount
- Remote Switch
- Lens Cleaning Kit
- Operator Manual
- Quick Reference Guide
- Mount Adjustment Tool



Sensor (see table)
Vanadium Oxide (VOx)
Microbolometer
30hz frame rate

Thermal Sensitivity
<50mK

Spectral Response
7 – 14μm

Battery Type/ Life
CR123 Lithium (2ea.)
4 hours continuous

Boresight Accuracy
<0.5 MOA

Environmental
20m immersion

Calibration
On- Demand

IR Laser (STS only)
830nm, class 3B

COLOR MODES:



Alert



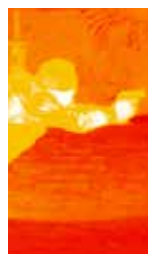
Mono



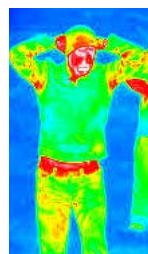
Color 1



Color 2



Color 3



Color 4

MODEL DEPENDENT SPECIFICATIONS*

*All specifications are subject to change without notice.

Model	Sensor	Objective Lens	Mag	FOV (H x V)	Weight (w/ bat)	Dimensions (L x H x W)	Detection: Man/ Vehicle	Display	Operating Temp
UTAC-16cS	160 x 120, 25μ	19mm f/1.25	1.0	12° x 9°	487g	14.5 x 6.6 x 6.8cm	311m/595m	LCD	-10° to +45° C
UTAC-16iS								OLED	-40° to +55° C
UTAC-32cM	320 x 240, 25μ (17μ optional)	35mm f/1.4	1.0	13° x 10° (9° x 7°)	568g	16.9 x 6.6 x 6.8cm	719m/1368m (883m/1679m)	LCD	-10° to +45° C
UTAC-32iM								OLED	-40° to +5° C
UTAC-32cL		60mm f/1.25		8° x 6° (5° x 4°)	686g	19.0 x 7.5 x 7.2cm	1138m/1950m (1454m /2756m)	LCD	-10° to +45° C
UTAC-32iL								OLED	-40° to +55° C
UTAC-64cS	640 x 480, 17μ	25mm f/1.1	1.0	25° x 18°	495g	15.2 x 7.5 x 7.2cm	709m/1212m	LCD	-10° to +45° C
UTAC-64iS								OLED	-40° to +55° C
UTAC-64cM		35mm f/1.4		18° x 13°	568g	16.9 x 6.6 x 6.8cm	883m/1679m	LCD	-10° to +45° C
UTAC-64iM								OLED	-40° to +55° C
UTAC-64cL		60mm f/1.25		10° x 8°	686g	19.0 x 7.5 x 7.2cm	1454m/2756m	LCD	-10° to +45° C
UTAC-64iL								OLED	-40° to +55° C
UTAC-32STS	320 x 240, 25μ	25mm f/1.1	1.0	18° x 14°	612g	16.9 x 7.1 x 6.8cm	575m/1094m	OLED	-40° to +55° C
UTAC-64STS	640 x 480, 17μ			25° x 20°			706m/1343m		