UTAM Series

Rev. 31 Jan 2014

Universal Thermal Acquisition Monocular UTAM-32cS shown below.



The UTAM Series defines what a multi-use thermal imager should be. It is small enough to fit in a cargo pocket and designed to be handheld. But it is also rugged enough to be attached to a light machine gun with any standard Picatinny rail system. The UTAM 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 boresighted to any weapon. An included remote control switch provides increased flexibility for the user, integrating the sight and the weapon.

The UTAM 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 UTAM Series objective lens is offered in a variety of focal lengths providing a choice of fields of view and target detection ranges. The UTAM Series include image capture 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
- Hand Held or Weapon
 Mounting
- 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
 Reticle Color (R, G, W)
 Windage Adjust
 Elevation Adjust
 Display Color Options
 Video Out Enable

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



UTAM SERIES BASIC SYSTEM:

- UTAM Basic Unit
- Soft Carry Case with Strap
- CR123 Batteries (2ea.)
- Lanyard
- Lens Cleaning Kit
- Demist Shield
- Remote Switch
- Operator Manual
- Quick Reference Guide



COLOR MODES:



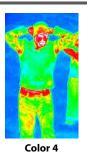


Mono









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*

 $\hbox{*All specifications are subject to change without notice.}\\$

Model	Sensor	Objective Lens	Mag	FOV (H x V)	Weight	Dimensions (L x H x W)	Detection: Man/Vehicle	Display	Operating Temp
UTAM-16cS	160 x 120, 25μ	19mm f/1.25	1.3	12º x 9º	430g	14.7 x 6.0 x 6.6cm	311m/595m	LCD	-10° to +45° C
UTAM-16iS								OLED	-40° to +55° C
UTAM-32cS	320 x 240, 25μ (17μ optional)	19mm f/1.25	1.0 (1.5)	24° x 19° (16° x 13°)	430g	14.7 x 6.0 x 6.6cm	329m/627m	LCD	-10° to +45° C
UTAM-32iS								OLED	-40° to +5° C
UTAM-32cM		35mm f/1.4	1.9 (2.7)	13° x 10° (9° x 7°)	465g	15.4 x 6.0 x 6.6cm	719m/1368m (883m/1679m)	LCD	-10° to +45° C
UTAM-32iM								OLED	-40° to +55° C
UTAM-32cL		60mm f/1.25	3.1 (4.6)	8° x 6° (5° x 4°)	607g	18.0 x 6.7 x 7.4cm	1138m/1950m (1454m/2756m)	LCD	-10° to +45° C
UTAM-32iL								OLED	-40° to +55° C
UTAM-64cM	640 x 480, 17μ	35mm f/1.4	1.4	18° x 13°	465g	15.4 x 6.0 x 6.6cm	883m/1679m	LCD	-10° to +45° C
UTAM-64iM								OLED	-40° to +55° C