

## TACS™

### Thermal Acquisition Clip-On System

TACS shown here on a PVS-14.

Rev. 20 MAY 09



### SPECIFICATIONS\*

Field of View	Boresight Accuracy	Polarity
20° circular (centered)	3 MOA	White hot/black hot
NETD	Dimensions (length)	Display Brightness
50mK	3.5"	Adjustable
Pitch	Battery Type	Focus
25µm	DL123A, 3V Lithium, 1ea.	Fixed
F Number	Weight	Calibration
1.2	220 g	Manual
Magnification	Spectral Response	Interface
1X, optical unity	7 – 14 µm	Standard quick connect
Sensor	Battery Life	Effective Range
320 x 240 VOx uncooled LWIR microbolometer	2.5 hrs (23°C) 1.5 hrs (0°C)	Detection 300m Recognition 260m Identification 130m

\*Specifications are subject to change without notice.

### DESCRIPTION

The Thermal Acquisition Clip-On System (TACS) provides the soldier with ultimate performance in technology. Low power consumption, optimal sensor technology, and high-performance optics all seamlessly integrate to provide state of the art long wave infrared (LWIR) technology.

When added to a standard image intensified system, TACS provides a second channel with LWIR capability, extending engagement capabilities through obscurants. The TACS unit along with Nivisys experience and expertise provides the best value solution for adding low light and no light performance to currently fielded night vision systems.

The TACS' waterproof and rugged construction stands up to the harshest environments. This multi-purpose surveillance tool uses the latest in miniature thermal sensor technology and an OLED high resolution display system to provide superior imagery in a small package.

**For more information on the TACS or other Nivisys products call (480) 970-3222 or visit us on the web at [www.nivisys.com](http://www.nivisys.com).**

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