



## SkeetIR-VO™ – Micro Thermal Imaging Monocular

The amazing SkeetIR-VO™, from OASYS Technology, LLC., is a credit card size thermal monocular that displays a true 320x240 (Detector) resolution using one (1) DL123 battery. With an operational runtime of more than 3 hours and a system weight of 6.5oz., the SkeetIR-VO™ exceeds competitive products specifications and performance. A simple menu function featuring a single button press allows for essential operation of the SkeetIR-VO™ eliminating the need to remember locations on the device for different functions while operating the system in darkness.



### Features:

- The Smallest thermal monocular available in the Market.
- Rugged design with simple menu functions.
- Pocket-sized, weighing only 6.5 ounces.
- Water resistant
- Operates for 3 hours on 1 DL123 battery.
- Digital video output
- Still photo capability

### Benefits:

- Greatly enhances vision at night or in challenging dust and smoke conditions.
- Operates with no light and without the blooming effect experienced by other night vision technologies.
- Remain covert while still being able to see your target
- Saves money, time and lives with the ability to see quickly and operate more efficiently and safely.

**PART NUMBER: NV-17**

### SkeetIR-VO™ Applications:

- Covertly Finding and Locating Objects Without Visible Light
- First Responder Land & Water Search & Rescue Fugitive Pursuit and Apprehension
- Officer Safety and Protection
- Hot Spot and Disturbed Surface Detection
- Routine Crime Watch Patrols
- Crime Scene Investigations
- Night Vehicle Theft Prevention
- Provide an incredibly clear picture of the surrounding scene through the use of superior imaging software
- Monitor suspects without their knowledge, day or night
- Easily spot a fugitive hiding in thick foliage or under a vehicle

### **Syntronics, LLC**

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### **EXPORT NOTICE:**

Export of this product is regulated by the U.S. Department of State in accordance with guidelines of "International Traffic in Arms Regulations (ITAR)" per Title 22, Code of Federal Regulations, Parts 120-130

This data sheet is approved for unlimited release.

Specifications subject to change without notice

**CALL US TODAY AT: (888) 241-6874 or (540) 374-1000 ext. 114**  
**Or visit us online at: [www.syntronics.net](http://www.syntronics.net)**



## SkeetIR-VO™ - Product Specifications

<b>Focal Plane Array</b>	Pixel Count (Resolution) Spectral Response Frame Rate: Sensitivity	320 x 240 FPA (Focal Plane Array) 8-15µm Micron LWIR 60Hz < 30mK
<b>Thermal Imaging Performance</b>	Startup Time Detection Range for Human Activity	Off → On < 0.4 seconds 5 Vertical Pixels an Man @ 250M
<b>Optics</b>	Field of View Minimum Focus Distance IFOV Magnification Diopter Adjustment	FOV: 40° Focus 1m to Infinity (< 1 Rotation) < 0.9mRad Unity -4 to +2
<b>Video</b>	Video Format Data Connection Still Image Capture	RS-170 USB Yes
<b>Power</b>	Power Source Operating Time	1 DL123 Battery 3 hours
<b>Environmental Characteristics</b>	Operating Temperature Water and Shock Resistance	-40°C to +80°C Full Immersion 66' Design (Optional)
<b>Physical Characteristics</b>	Size Weight Eye Relief	3.5" (L) x 1.5" (H) x 2.25" (W) 0.4 lbs or 6.5 ounces 1" to 8" Eye Relief / Standoff
<b>Note:</b>	The <b>SkeetIR-VO™</b> is manufactured for viewing only and is not designed for weapons mounting or weapons applications. Modifying the <b>SkeetIR-VO™</b> housing to accommodate weapons mounting will void any and all product warranties, automatically fall under a damaged condition, and be unacceptable as returned merchandise.	

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