



## THERMAL MONOCULAR

## Odin-61BW Weapon Sight Kit

The Odin thermal monocular has become the smallest, lightest Thermal Imaging Monocular on the market today. It's extremely small size and weight makes it an ideal unit for multiple uses. The Odin uses the latest technologies to make a Mil. Spec system that is identical in size, weight and shape to the AN/PVS-14.

The Odin thermal monocular is a multi-purpose system that uses the latest in miniature thermal sensor technology combined with a new OLED display to provide a superior image in the smallest package available. The Odin combines an array of features to make it the most capable thermal monocular on the market.

The Odin system is designed for; hand held, head mount, helmet mount and weapons mount operation. For convenience, the Odin is designed to use the same accessories as the familiar AN/PVS-14 Night Vision Monocular.

- **Variable Pivot Technology**
- **1X Magnification**
- **Icon Based Menu System**
- **Color Modes**
- **PVS-14 Construction**
- **Weapon Interface**
- **Waterproof / Dustproof**
- **Made in USA**

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SP-SA-Odin61BW-001 Rev. A

## SPECIFICATIONS

Sensor (microbolometer)	640 x 512 px
Type	Uncooled
Material	Vanadium oxide (VOx)
Image Size (output resolution)	800 x 600 px
Frame rate	30 Hz
Video output	Yes
Lens	35 mm
Pixel Size	17 $\mu$ m
Display	Color OLED matrix, SVGA < 800x600
Thermal Sensitivity	<50 mK
Spectral Response	7-14 $\mu$ m
Field of View	24° x 18°
Eye Relief	27 mm
Diopter Adjustment	-6 to +4
Optical Magnification	1x
E-Zoom	2x, 4x, 8x
Human Detection, m	750
Human Recognition, m	300
Human Identification, m	180
Vehicle Detection, m	1650
Vehicle Recognition, m	660
Vehicle Identification, m	400
Reticle	Multiple Reticles to Choose From
Polarity control	White hot / Black hot / Multiple Color Modes
Start up time	<4 sec
Waterproof	Waterproof / Dustproof
Battery type	1 x CR123A battery type
Battery Life	2+ hrs
Weight	0,77 lb /350 grams
Dimensions	3.40" x 2.20" x 1.95" / 87 x 56 x 50 mm
Warranty	3 year



**ODIN WEAPON MOUNT KIT**

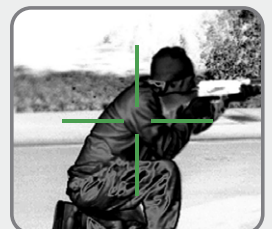


**ODIN GOGGLES**



**ODIN WEAPON SIGHT**

## RETICLES AND DISPLAY COLOR MODES



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