



THERMAL MONOCULAR

Odin-31DW 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

Export Warning: These products are subject to one or more of the export control laws and regulations of the U.S. Government. Pending the model these products are under the control jurisdiction of either the US Department of State or the US Bureau of Industry and Security US Department of Commerce. Export without proper licensing or consent is strictly prohibited.

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SP-SA-Odin31DW-001 Rev. A

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SPECIFICATIONS

Sensor (microbolometer)	336 x 256 px
Type	Uncooled
Material	Vanadium oxide (VOx)
Image Size (output resolution)	800 x 600 px
Frame rate	60 Hz
Video output	Yes
Lens	17 mm
Pixel Size	17 μ m
Display	Color OLED matrix, SVGA < 800x600
Thermal Sensitivity	<50 mK
Spectral Response	7-14 μ m
Field of View	24° x 18°
Eye Relief	27 mm
Diopter Adjustment	-6 to +4
Optical Magnification	1x
E-Zoom	2x, 4x
Human Detection, m	500
Human Recognition, m	225
Human Identification, m	135
Vehicle Detection, m	1100
Vehicle Recognition, m	495
Vehicle Identification, m	300
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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