

# RAPTAR ES

## EYE-SAFE RAPID TARGETING MODULE

The Wilcox RAPTAR ES – Rapid Targeting Module is designed to be mounted to a wide variety of weapon platforms configured for MIL-STD-1913 RIS/RAS and STANAG-4694 rails. The RAPTAR ES harnesses and fuses an Infrared (IR) Laser, a Visible Laser, IR Flood, and Laser Range Finder (LRF).



- **Eye-Safe 1550 nm laser range finder measures target distance**
- **No FDA restrictions for civilian use**
- **Variable focus infrared illuminator**
- **Infrared aiming laser**
- **Red visible aiming laser**
- **All lasers are co-aligned**
- **Precision windage and elevation adjusters control the entire laser suite as one within .5 MRAD**
- **Made in USA**

**PRODUCT SPECIFICATIONS:**

1. Remote Control Pad allows operator to activate selected laser and to range and engage targets.
2. A Laser/Input Button allows the operator to lase the target in IR or VIS mode, or to input menu options in any menu selection mode.
3. A mode selection knob allows the user to select from eight possible modes of operation: Off, IR Laser, IR Flood, IR Dual, Function, VIS Laser, VIS Flash, and VIS Dual.
4. User "On The Fly" Laser, IR Illuminator, Red/IR Pointer Intensity Control.
5. Ergonomically positioned LED panel displays range to target in 1 meter increments.
6. Front and Rear Iron Sight provide visual alignment for handheld Range Finder use.
7. Focus Wheel allows the operator to change the IR illuminator from flood to spot.
8. A battery compartment with water resistant cap stores one 3V CR123 battery.
9. On Board Self-Test/Diagnostic Feature Verifies Operation of all Internal Devices.

Total Operational Weight (Includes Battery and Remote)	<308.0 grams (10.8 oz)
Dimensions	107.9 x 81 x 44.4 mm (4.25 x 3.19 x 1.75 in)
Sight Plane above the Rail	0.930"
Color	Desert Tan
Water Resistance	Waterproof to 1 Meter
Battery Type	One (1) 3V CR123A
Battery Life	Over 7 Hrs on Dual IR Laser Only
Ranging Operation at Ambient Temperature	>700 Ranging Events
Laser Range Finder	Eye-Safe 1550 nm
Minimum Range	5 Meters
Max Range	1500m (Target Size 0.5 m x 2.0 m; Reflectivity 50% )
Range Accuracy	1 m
Detection Provability	90%
Continuous Ranging	1 Hz
Range Acquisition Time	1 Sec.
Visible Aiming Laser	Red (635) <.7 mW Low, <.5 mW High
IR Aiming Laser	<.7 mW Max
IR Illuminator	<.7 mW Max

Specifications are subject to change without notice. Images are for illustration purposes only.



**HEADQUARTERS**

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