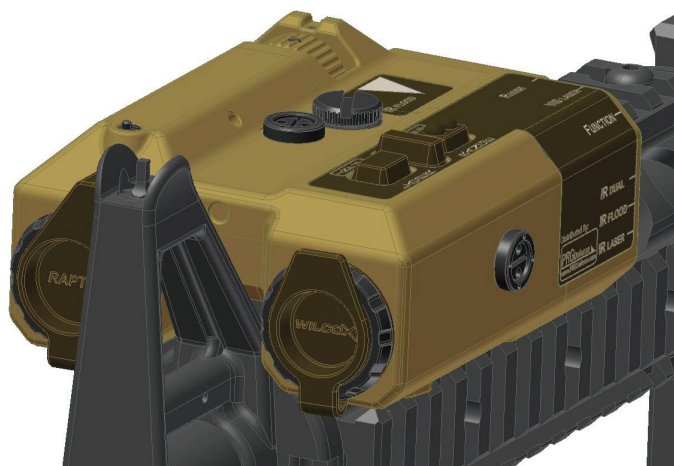


The Wilcox *Rapid Targeting and Ranging Module (RAPTAR)* is designed to be mounted to a wide variety of weapon platforms designed with MIL-STD-1913 RIS/RAS and STANAG-4694 rails. The eye safe version (G03) uses a low power Class 1 IR laser that features a <0.7mw rating which is eye safe and not restricted for civilian use by the FDA.

PRODUCT DESCRIPTION

- RAPTAR harnesses and fuses an Infra- Red (IR) Laser, a Visible Laser, IR Flood, and a Laser Range Finder (LFR)
- Designed to be repairable unlike any current system in the field.
- Expandable with emerging technology, producing an overall cost savings throughout the lifecycle.



Side View of RAPTAR (G02) Mounted Onto Rail

FEATURES

- Eye Safe Laser Range Finder Identifies Target Distance
- Variable Focus Infrared Illuminator
- Infrared Aiming Laser
- Red Visible Aiming Laser
- All Lasers are Co-Aligned
- Precision Windage and Elevation Adjustors Control the Entire Laser Suite as One Within .5 MRAD
- Shipped in Pouch

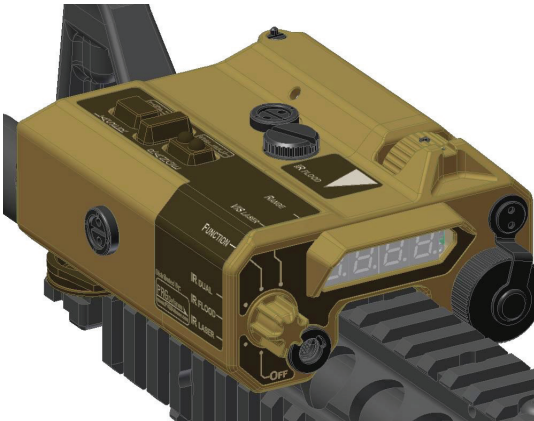
PART NUMBERS

57200G02-B	RAPTAR (Black)
57200G02-LB	RAPTAR (Lusterless Brown)
57200G03-B	RAPTAR,ES (Black)
57200G03-LB	RAPTAR,ES (Lusterless Brown)
57200G04-B	RAPTAR,HP (Black)
57200G04-LB	RAPTAR,HP (Lusterless Brown)

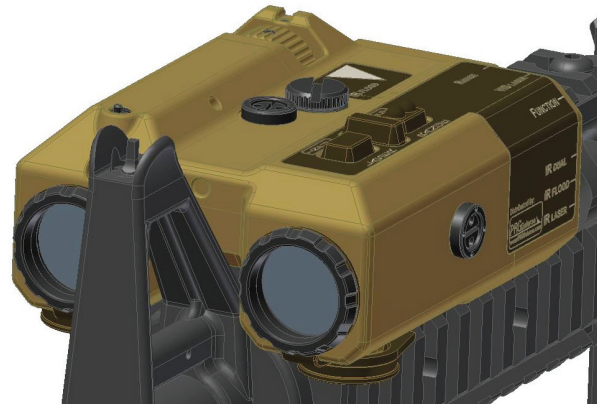
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Back View of RAPTAR's LED Panel


Front View of RAPTAR
(Protection Caps Stowed)

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 Sights 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. "Laser Safety Key" option prevents unauthorized access to High Power Laser.
10. RAPTAR is comparable in size to the ATPIAL with only a slight increase in weight but with the additional feature of a Laser Range Finder.
11. On Board Self Test/Diagnostic Feature Verifies Operation of all Internal Devices.

SPECIFICATIONS

Total Operational Weight (Includes Battery and Remote):	<308.0 gr (10.8 oz)	
Dimensions:	4.25" D x 3.19" W x 1.75" H	
Sight Plane Above the Rail:	0.930"	
Color:	Black or Tan Matte Finish	
Water Resistance:	Waterproof to 1 Meter	
Battery Type:	One (1) 3V CR123A	
Battery Life:	Over 7 Hrs on Dual High IR Laser Only	
Ranging Operation at Ambient Temperature:	>700 Ranges	
Laser Range Finder:	Eye Safe 1550 nm	
Minimum Range:	5 Meters	
Max Range:	Target Size 0.5m x 2.0m	Reflectivity 50% 1500m
Range Accuracy:	1m	
Detection Probability:	90%	
Continuous Ranging:	1 Hz	
Range Acquisition Time:	1 Sec.	
	(Refresh Rate can be improved upon request)	
RAPTAR (G02):		
Visible Aiming Laser	Red (635) <.7 mW up to <5 mW Low, 25 mW Max High	
IR Aiming Laser	<.7 mW Low, 50 mW Max High	
IR Illuminator	<.7 mW Low, 50 mW Max High	
RAPTAR,ES (G03):		
Visible Aiming Laser	Red (635) <.7 mW Low, <5 mW High	
IR Aiming Laser	<.7 mW Max	
IR Illuminator	<.7 mW Max	
RAPTAR,HP (G04):		
Visible Aiming Laser	Red (635) <.7 mW up to <5 mW Low, 25 mW Max High	
IR Aiming Laser	<.7 mW Low, 50 mW Max High	
IR Illuminator	<.7 mW Low, 80 mW Max High	