

# RAPTAR S

## RAPID TARGETING & RANGING MODULE - HIGH POWER

COLORS:  -LB



### PRODUCT OVERVIEW

The Wilcox RAPTAR S product is a Class 3B High Power Laser Fire Control System that is the next step in precision for extremely long ranges. In addition to the Infra-red (IR) laser, visible laser, IR flood and laser range finder (LRF) the RAPTAR S features an Applied Ballistics solver. Compatible with mobile devices, users can input desired load data that directly syncs with RAPTAR S for ballistic solutions. When paired with BAE® thermal sights or UTC SWIR HWH-SMS system, the RAPTAR S provides a ballistic solution to the disturbed reticle for faster engagements. Whatever the caliber or conditions, the RAPTAR S can calculate corrections with speed and efficiency, increasing first round hit capability.

### FEATURES & BENEFITS

- Red visible laser, IR laser, variable IR illuminator, LRF and ballistic computer
- Environmental sensor reads temperature, pressure, humidity, inclination, cant and heading
- OLED display outputs ballistic solution in MIL, MOA, INCHES & ACOG
- Programmable rifle selection stores up to 12 rifle and ammo profiles
- Powered by one (1) CR123 3V battery
- Lasers and illuminator all co-aligned with one adjustment
- Iron sights provide visual alignment when ranging hand-held
- Variable illuminator wheel adjusts beam from flood to spot
- Remote pressure pad utilizes same button configuration as unit
- Adjustable laser/illuminator brightness settings
- Mounts to any standard MIL-Spec 1913 Picatinny rail

### SPECIFICATIONS - HIGH POWER

Weight:	<420g
Dimensions:	4.36"L x 3.30"W x 2.36"H
Power Source:	ONE (1) CR123 3V
Laser Type/Wavelength:	Visible Laser/635nm
Power*:	< 0.7mW - 20mW
Worst Case:	≤35mW
Laser Type/Wavelength:	Infrared Flood/830nm
Power*:	< 0.7mW - 80mW
Worst Case:	≤100mW
Laser Type/Wavelength:	Infrared Aim/850nm
Power*:	< 0.7mW - 45mW
Worst Case:	≤60mW
Laser Range Finder:	1550nm

\* Nominal Output Power is subject to +/-10% tolerance.  
For Laser Safety use Nominal Output Power + 20%.



\*WARNING - VISIBLE AND INVISIBLE LASER RADIATION  
AVOID EXPOSURE TO BEAM  
CLASS 3B LASER PRODUCT

DESCRIPTION	NSN NUMBER	PART NUMBER
RAPTAR S - HIGH POWER	1240-01-664-2786	57300601

IN PARTNERSHIP WITH:



Approved for Public Release by DOD

