RAPTAR S
RAPID TARGETING & RANGING MODULE - HIGH POWER

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%.

IN PARTNERSHIP WITH:

Approved for Public Release by DOD