

RAID X_e

RUGGEDIZED AIMING/ILLUMINATION DEVICE - ENHANCED - LOW POWER



PRODUCT ILLUSTRATED
IN COYOTE (-C)
WITH LASER SAFETY
HOOD OPEN



PRODUCT ILLUSTRATED
IN COYOTE (-C)
WITH LASER SAFETY
HOOD CLOSED

PRODUCT OVERVIEW

The Wilcox RAID™ Xe™ is the culmination of years of technical research and development as well as listening to the needs of the operator. The result is an easy to use, small form factor aiming and illumination device that sets the standard for optical performance for extreme beam clarity and optimal combat identification.

The RAID Xe's single co-aligned optical bench houses a visible laser (VIS), near infrared laser (NIR) and NIR Illuminator. The unique single windage and elevation adjustment allows operators to set one zero for the entire optical bench with one adjustment. User defined functions on the remote allow for a "heads up, eye out" posture. As a class 3R low power laser aiming device, the RAID Xe is designed specifically for the military and law enforcement including special forces, SWAT and security personnel.

More than any other electro-optics manufacturer, Wilcox has led in the development and delivery of VCSEL technology. The RAID Xe's NIR VCSEL room illuminator combined with

the variable NIR VCSEL illuminator features a best in class, speckle free solution in low or no light environments increasing an operator's ability to move through varying environments effectively. The ergonomically positioned illuminator wheel allows easy rapid adjustment of the NIR illuminator beam divergence in any combat scenario. This gives the operator control to focus IR light in a tight area or illuminate a large area. The native power steps allow fast, on-the-fly IR adjustment from long to short range.

The RAID Xe product is securely mounted on any Picatinny style 1913 rail. The light-weight, low-profile stance does not interfere with most optics or iron sights and can be used on multiple weapon platforms providing rock-solid boresight retention increasing the operator's effectiveness and situational awareness.

To learn more about VCSEL technology and improving operator tactics, read our full [RAID Xe Product Brief](#).

Approved for Public Release by DoD





PRODUCT ILLUSTRATED**
WITH LASER SAFETY VISOR OPEN



PRODUCT ILLUSTRATED**
WITH LASER SAFETY VISOR CLOSED

FEATURES & BENEFITS

- One optical bench houses either red or green VIS laser, NIR laser and adjustable NIR VCSEL illuminator
- Adjustable NIR VCSEL illuminator and wide angle fixed NIR VCSEL Room illuminator project precise, speckle-free beams for extreme clarity and optimal combat identification
- Fixed NIR room illuminator provides 40° flood capabilities
- Optical bench is aligned to the weapon by one windage and one elevation adjustment
- Powered by one (1) CR123 3V battery providing approximately 8 hours of product usage at max settings
- Mounts to any 1913 Picatinny rail secured by 2 shock nuts
- Multi-function keypads provide flexibility in programming custom options
- Five (5) selectable pulse modes on VIS/NIR lasers settings
- On-the-fly laser brightness adjustment
- Security tethered loop tie down
- Remote port accepts Wilcox line of ERGOCTO™ Xe™ Activation Keypads and ERGOCTO Xe Control Grips (optional)
- Optional ERGOCTO™ Xe™ Activation Keypads provides three user defined functions regardless of switch position

**User interchangeable modular visor/laser safety cover

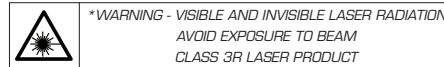
SPECIFICATIONS - LOW POWER

Immersion: 1 meter for 1 hour
Boresight Retention: <.5 mrad

Laser Type/Wavelength/Power*: Red Visible Laser/640nm/3mW
Laser Type/Wavelength/Power*: Infrared Laser/850nm/3.5mW
Laser Type/Wavelength/Power*: Infrared Illuminator/840nm/25mW

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

Please contact Wilcox [customer service](#) for other power output requirements.



Available Colors: -C -B

PRODUCT DESCRIPTION	PART NUMBER
RAID Xe - LOW POWER RED LASER	65300G12

OPTIONAL EQUIPMENT	PART NUMBER
ERGOCTO Xe SINGLE 3 BUTTON ACTIVATION KEYPAD - 12" CABLE	65335G16
ERGOCTO Xe DUAL 3 BUTTON ACTIVATION KEYPAD - 12" CABLE	65335G31
ERGOCTO Xe SINGLE CONTROL ACTIVATION GRIP - 12" CABLE	65335G34
ERGOCTO Xe DUAL CONTROL ACTIVATION GRIP - 12" CABLE	65335G36

