

WILCOX[®]

BOSS X^e
TM

A Versatile, Precise Solution
for Operators Engaging in
Diverse Combat Scenarios



INTRODUCTION

The BOSS Xe [Ballistically Optimized Sighting System – Enhanced] is the culmination of leading-edge development and advancements in technology driven by operator feedback. The result is a compact, ergonomic, laser aiming-sighting system that is ideal for short barrel weapon platforms with the ability to change from one preset impact point to another on the fly. The BOSS Xe has a unique optical bench that achieves the highest standard of performance while giving the operator tremendous tactical flexibility.

ENHANCED OPERATOR VISIBILITY & BEAM CLARITY

The BOSS Xe provides a full package optical bench (IR aiming laser, IR illuminator, VIS laser, IR Room illuminator, Reflex Sign & Iron Sight). An Above-the-Rail IR Room illuminator improves target visibility and provides proper IR lighting for Close Quarters Battle (CQB) offering non-blooming with a very wide angle. Wilcox has positioned the room illuminator function into the “bottom” of the IR illuminator steps, keeping similar functions together. This allows for easy, fast transition for “far” illumination to “close” illumination giving operators flexibility while illuminating areas and potential targets at different ranges.



An Above-the-Rail infrared room illuminator limits shadowing and reflected light to improve target visibility and provide optimal IR lighting for close-quarters scenarios.

Light quality is always a discriminating factor in operator reaction time. By advancing and pushing the capabilities of VCSEL laser technology, the BOSS Xe provides the operator with a true advantage over other sighting systems. Achieving this high level of beam clarity improves both situational awareness and on-the-move reaction time allowing for optimal target identification and engagement.

PERSONALIZATION [SOUND & LIGHT CONTROL]

The BOSS Xe allows the operator to utilize the integrated trajectory selection switch to be used during supersonic and subsonic ammunition changes for example, while also allowing for two separate point-of-aim, point-of-impact, when being used with different calibers all without the need of re-zeroing. This capability provides the operator ultimate control of their sound signature per mission parameters when using both super and subsonic ammunition. The ability to have two zeros allows the operator to maintain accuracy while shooting, thus making them more lethal [more rounds on target] and able to conserve ammunition [fewer rounds needed to neutralize targets]. The Red Dot reticle selection for preferred target picture, with on-the-fly adjustable brightness, allows operators to set it to their preference including night vision compatible levels and reduce their light emission. The BOSS Xe gives the operator full control to personalize their signature and meet mission requirements.



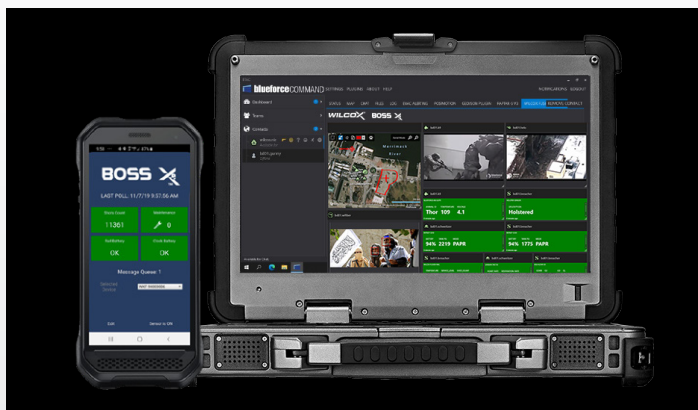
The BOSS Xe can be used with both supersonic and subsonic ammunition changing the POI without having to re-zero allowing the operator to quickly adapt to different shooting scenarios and maintain accuracy.

EASE TO USE, MULTI-DEVICE CAPABILITY

The BOSS Xe unique windage and elevation adjustments allow operators to easily set zeroes for the entire optical bench with minimal adjustments, reducing the operator's time spent zeroing. The BOSS Xe essentially provides operators with two devices worth of optics on one co-aligned optical bench, freeing up valuable rail space on short barrel weapon platforms.

NETWORKED COMBAT OPERATIONS

Leveraging BTAC, developed with our partner Blueforce Technologies, the BOSS Xe's onboard maintenance counter monitors rounds fired from the weapon and can share data in real-time. [BTAC \(BlueforceTACTICAL\)](#) is an extensible situational awareness mobile application that enables real-time monitoring of teams and fuses sensor data (attached or proximate sensors) to provide real-time location and sensor data sharing. The BOSS Xe's Bluetooth capability allows for future customization to support networked combat operations.



The BOSS Xe's Bluetooth capability allows for future customization to support networked combat operations.

OPERATOR DEFINED FUNCTIONALITY

Wilcox has extended the BOSS Xe's capabilities with the [ERGOTCO Xe Activation Keypad](#). This enhancement removes the need of the operator to memorize device switch positions by allowing user defined mapping of critical functions. The 3 control buttons on the pressure pad are ergonomically designed to allow for accurate button identification. The ambidextrous design allows attachment on either side of the weapon, including positioning in between the quad rails of rifle handguards. The ergonomic design and user defined button mapping functionality allow for identification of each button without looking at the control pad, providing a constant **"heads up, eyes out"** posture. Longer range engagements can be achieved with the [Wilcox 3X Magnifier](#).

CONCLUSION

Military and law enforcement including special forces and SWAT require connectivity, personalization, and varying degrees of visibility to overcome unique challenges in combat environments that require maximum discretion. The BOSS Xe's multi-function attributes are focused on providing operator's flexibility and customization to minimize engagement times, optimal target acquisition and engagement, and overall mission success.



THE WILCOX BOSS Xe
View the Capabilities Video



For additional information, [view the BOSS Xe product page](#).
For general information about Wilcox and our products
[contact us directly](#), or [download our Product Catalog](#).



©2024 Wilcox Industries Corp. All rights reserved. WILCOX® is a Federally Registered Trademark of Wilcox Industries Corp. Specifications subject to change without notice. The Wilcox BOSS-Xe is patent pending. Export of this product is regulated by the U.S. Department of State in accordance with guidelines of "International Traffic Arms Regulation (ITAR) per Title 22, Code of Federal Regulations, Parts 121-128.

25 PISCATAQUA DRIVE | NEWINGTON NH, 03801 | 603.431.1331 | WWW.WILCOXIND.COM