

FUSION ARX160™

POWER MANAGEMENT, MAINTENANCE &
INTEGRATED FIRE CONTROL SYSTEM - HIGH POWER



PRODUCT OVERVIEW

The Wilcox FUSION ARX160™ Rifle System for the Beretta ARX160 is a lightweight fully integrated fire control system that manages the power and maintenance of the rifle it is mounted to and features a fully integrated environmentally stable optical bench. A uniquely designed dual battery system features a primary and reserve battery compartment. As a class 3B high power laser aiming device, the FUSION ARX160 is designed specifically for the military and law enforcement markets. An on-board sensor monitors the total count of rounds fired from the rifle like an odometer in a vehicle. This data connected through the depot's BTAC Armorer's application assures the users rifle is always maintained and ready for service. The Fusion System differentiates itself from any other fire control system on the market by allowing an operator to fire different ammunition types from the same weapon by simply flipping a trajectory switch. Wilcox has set the standards for optical performance in beam clarity and uniformity with extraordinary reduction in illuminator speckle, aiding in increasing the operator's effectiveness and situational awareness.

FEATURES & BENEFITS

- FUSION ARX160 integrates a reflex sight, red visible aiming laser, infrared (IR) aiming Laser, fixed IR illuminator, and backup iron sight all co-aligned on one optical bench
- One single precision adjuster for each plane (windage and elevation) delivers repeatable accuracy when engaging any target
- Trajectory switch adjusts POA/POI for two preset firing solutions without re-zeroing the weapon. Finite adjustments accommodate the drop differential between ammunition types. Stores and switched on the fly
- The mid position dimmer switch allows for the intensity of the white and NIR flash light, reflex site, visible and NIR laser, and NIR VCSEL Illuminator to be adjusted on the fly by the operator from 0-300 lumens (white) and 0-120mW (IR) based on tactical illumination needs
- All power points are sealed to keep out water and other elements when not being used

SPECIFICATIONS - HIGH POWER

Red Dot Sight Plane Height Above the Rail 1.500"
Water Resistance: Waterproof to 1 Meter for up to 1 Hour
Battery Type: (2) 123A Lithium Battery (1) Primary (1) Reserve
Battery Life: Over 8 Hrs on Dual High IR Laser Only

FUSION Sight Power Settings (Features Eight (8) Increments):
Laser Type/Wavelength/Power*: Red Visible Laser/640nm/
<0.7mW Low/15mW
Laser Type/Wavelength/Power* Infrared Laser/850nm/30mW
Laser Type/Wavelength/Power* Infrared Illuminator/840nm/30mW

* Nominal Output Power and 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

Available Colors:  -C  -B

PRODUCT DESCRIPTION	PART NUMBER
FUSION ARX160	65900G10
3X MAGNIFIER (SOLD SEPARATELY)	61100G16

BTAC
ENABLED

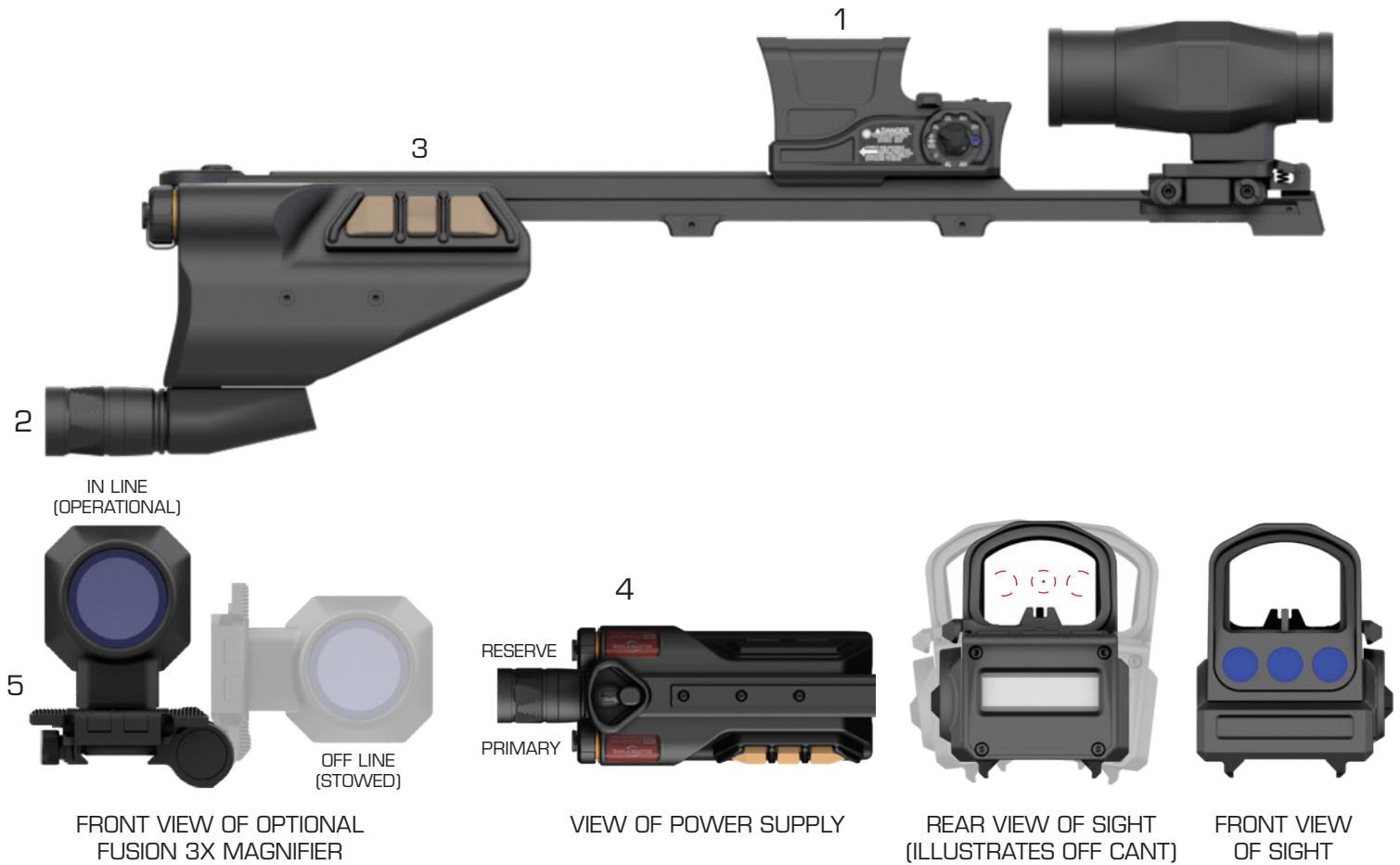
The FUSION ARX160™ includes a trial 12-month subscription at no additional cost. After trial period, BTAC subscriptions are available in 12-month blocks.

Approved for Public Release



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FEATURES OVERVIEW

1. FUSION Sight allows rapid, accurate target acquisition with aiming laser and illuminator options as well as a reflex sight with built in iron sights, trajectory switch.
2. SureFire dual spectrum light features 2 illumination modes for white and NIR output.
3. The right or left activation key pad controls the light and lasers. The position of the control pads can be configured on the right or left side of the weapon. The mid position dimmer switch allows for the intensity of the white and NIR flash light, reflex sight, visible and NIR laser, and NIR VCSEL Illuminator to be adjusted on the fly by the operator.
4. Dual battery management system allows quick and easy transition from primary to reserve power supply. You never throw out an unutilized battery again. Each compartment houses one CR 123 battery that powers the fire control system. When the primary battery becomes depleted, with the users' flip of a switch, the reserve battery is ready to provide another 4 hours of operation.
5. Optional 3X magnifier quickly and securely attaches to the FUSION SYSTEM. This magnifier can be stowed for CQB engagement or used in-line for longer engagements. Stow mechanism provides "force to overcome" locking.
6. Integrated within the Blueforce® Tactical (BTAC) technology suite and mobile Command Post Network, the FUSION SYSTEM's holistic maintenance approach provides command level clarity, keeping weapon systems at optimal force readiness. Reference [TDS333](#) to view the benefits of Blueforce® BTAC technology.

