



**MAZTECH
INDUSTRIES**

X4-LRF-15K™

X4 Laser Rangefinder (LRF)

Specifications		
Dimensions	5.2 x 2.8 x 1.8 in (133 x 72 x 47 mm)	
Weight	12.9 oz (367 g) with supplied battery	
Battery Type	One CR123 (lithium or supplied rechargeable)	
Battery Life	10,000+ range events	
Range Performance	25 - 16,400 yd (25 - 15,000 m)	
Man (0.5 x 1.75 m, 30%, 23 km)	3,800 yd (3,500 m)	
Vehicle (2.3 x 2.3 m, 30%, 23 km)	7,100 yd (6,500 m)	
Rail Mount	STANAG 4694 (Compatible with STANAG 2324 / Picatinny MIL-STD-1913)	
External Color	Flat Dark Earth (FDE)	
Integrated Ballistics	Applied Ballistics® solver with on-board motion and environmental sensors	
Wireless Connectivity	Bluetooth® Low Energy & Ultra-Wideband (UWB). Each can be disabled.	
Visible Aim Laser	Specifications	Safety Class
Output Power	4.5 ± 0.4 mW	3R
Beam Divergence	0.5 ± 0.3 mrad	
Wavelength	660 nm (Red)	
IR Aim Laser	Specifications	Safety Class
Output Power	0.6 ± 0.1 mW	1
Beam Divergence	0.5 ± 0.3 mrad	
Wavelength	842 nm (NIR)	
Rangefinder Laser	Specifications	Safety Class
Ranging Mode	Single Pulse / Multi-Pulse	1
Beam Divergence	<1.0 mrad	
Repetition Rate	Mode dependent, continuous ranging up to 1 Hz	
Wavelength	1534 nm	
Optical Pulse Power	~40 kW	
Environmental	Specifications	
Operating Temperature	-40° F to 140° F (-40° C to 60° C) <i>Subject to appropriate temperature-rated battery</i>	
Mechanical Shock	1,500 g, 0.5 ms half-sine	
Immersion	3 ft (91 cm) of water for 30 minutes	



The X4-LRF-15K is a high performance diode-pumped, solid-state laser rangefinder with integrated co-aligned pointers and a built-in weather station. It provides eye-safe laser ranging capability for weapon-mounted solutions. The onboard Applied Ballistics® solver generates an instant firing solution, and the optional Maztech Companion app enables quick ballistic profile management.

The X4-LRF-15K includes Maztech's reliable, low-noise, high-gain APD photoreceiver. This provides best-in-class sensitivity, allowing for long standoff range performance with less laser pulse energy, even in adverse environmental conditions.



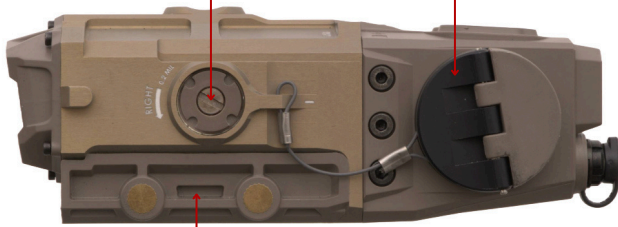
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**MAZTECH
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Battery Compartment

Tactile Windage Adjustment



Hot-Shoe Interface
for X4 Illuminator (*coming soon*)

Tactile Elevation Adjustment



Environmental Sensor Suite

Picatinny Rail Interface

Built-In Iron Sights
L / M / R Buttons
with Haptic Feedback

Large Format
OLED Display



Mode Selector Knob

I/O Accessory Port

Status LED / Ambient Light Sensor

KEY FEATURES:

- High-performance Q-switched Erbium glass laser
- Ranging laser not visible to night vision devices
- Integrated Applied Ballistics® solver with onboard motion and environmental sensors
- Large format OLED display for easy viewing even with polarized glasses
- User-friendly software with optional Smartphone app and library for configuring ballistic profiles
- Designed to meet MIL-STD-810 environmental specifications
- Comes with Captured Aperture Cover, I/O Accessory Port Cover, and 12 inch X4 Low-Profile Remote

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Maztech Industries is a technology company specializing in rapid development of military and commercial optical systems: night vision, laser warning and identification, ranging, and associated capabilities.



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