



KONG-XB

BINOCULAR RANGEFINDER

The KONG-XB is a high-precision rangefinding and observation device integrated with a binocular straight-tube telescope and 1535 nm laser rangefinding technology. Built-in modules, including ballistic calculation, positioning and navigation, digital magnetic compass, environmental sensor and OLED display, enable one-stop target search, rangefinding, ballistic calculation, and positioning.

KEY FEATURES



EXCELLENT VIEWING EXPERIENCE

It adopts a binocular structure and is provided with 10×42 mm optical lenses, providing comfortable viewing and a good experience.



PRECISE TARGET RANGEFINDING CAPABILITY

It utilizes a 1535 nm laser, with a maximum measurement range of up to 10 km and full-range accuracy of ± 1 m.



POWERFUL AND COMPREHENSIVE SYSTEM FUNCTIONS

It supports single/continuous rangefinding, multi-target rangefinding, distance measurement between two points, elevation/angle measurement, ballistic calculation, FOS correction, positioning, and other measurements and displays.



MULTIPLE CONNECTIVITY OPTIONS

It supports connection to mobile phones and Kestrel anemometers, enabling ballistic calculations to be performed both on the device itself and via a mobile phone APP.

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TECHNICAL DATA

Optical Channel		Advanced Functions	
Magnification	10×	Measurement	First & Last Target, Distance Gating, Mutil-target
Objective diameter	42mm	Ballistic Calculation	✓
FOV	6°	Fall Of Shot	✓
Low Light Coefficient	20.5	Others	
Lens Coating	Fully Multi Coated/ ED Objective Lenses	Environmental Detection	Temperature, Humidity, Pressure
Reticle	Etched Mil Reticle (Adjustable Brightness)	Screen	AMOLED
Laser Rangefinder		Eyepiece	
Laser Type	1535nm/Class1/Eye-safe	Diopter	-5 ~ +5D
Range Capability	20~10000m	Spacing	56~76mm
Accuracy	±1m	Physica	
Divergence	0.6mrad	Dimensions (W × H × D)	170mm×135mm×66mm
Range freq	3Hz	Weight	≤1000g (no battery)
Detection	≥98%	Power Supply	
Digital Magnetic Compass		Battery Type	1 × CR123A /16340
Azimuth Accuracy (RMS)	±0.5°	Battery life	>5000 Times
Inclination Accuracy (RMS)	±0.5°	Interfaces	
Internal GPS Receiver		External Power Supply	5V DC
Positioning Mode	BD+GPS+GLONASS+Galileo	Wired Data	Uart (TTL_3.3V) to USB
Horizontal Accuracy (CEP)	5m	Wireless	Bluetooth® 5.3
Elevation Accuracy (PE)	10m	Environmental	
		Immersion	IP67

ACCESSORIES

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PORTABLE BAG



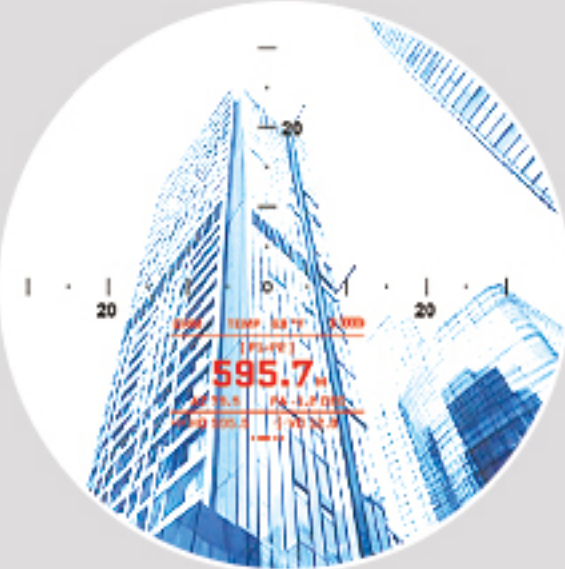
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OBJECTIVE HONEYCOMB COVE(OPTIONAL)





SINGLE-POINT RANGING MODE



DUAL-POINT RANGING MODE



MULTI-TARGET RANGING MODE



FALL OF SHOT



RANGING LOCATION



BALLISTICS APPLICATION MODE