

KONG-BHS

HD INTELLIGENCE BINOCULARS

The KONG-BHS offers comprehensive situational awareness functions, including laser detection, anti-sniper capability, infrared/visible light image recognition, laser rangefinding, and positioning, as well as laser indication and guidance.

KEY FEATURES



ULTRA-LONG-RANGE SNIPER DETECTION

It adopts the laser anti-sniper detection principle, with a maximum target detection range of 1.8 km.



HIGH-DEFINITION INFRARED DETECTOR

It integrates a 1280×960 high-resolution infrared sensor.



LONG-RANGE TARGET POSITIONING

It is provided with a 100 mm infrared optical lens and an 80 mm visible light lens, with a maximum vehicle recognition distance of 3.2 km.



LONG BATTERY LIFE

The maximum continuous operating time is up to 8 hours.



MULTIPLE REMOTE CONTROL SOLUTIONS

It is compatible with mobile APPs and self-developed bases to realize remote operation.

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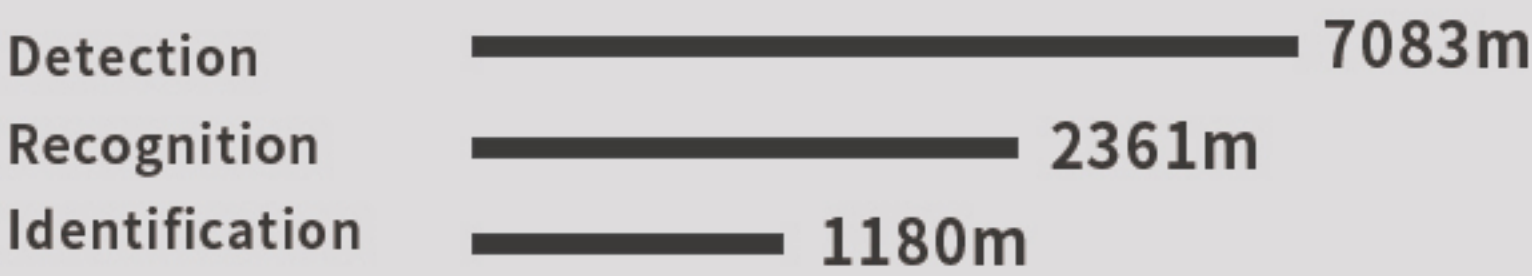
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TECHNICAL DATA

Thermal Channel		Internal GPS Receiver	
Sensor Resolution	1280×960 pixels, 12μm	Positioning Mode	BD+GPS+GLONASS+Galileo+QZSS+SBAS
Spectral band	8μm to 14μm	Horizontal Accuracy (CEP)	5m
Focal Length	100mm/F1.0	Elevation Accuracy (PE)	10m
FOV(H×V)	8.8°×6.6°	Laser Pointer	
System Magnification	4.2×	Wavelength	830nm
Digital Zoom	1~8×	Class	Class3B
Color Day Channel		Display	
Sensor Resolution	1920×1080 pixels	Screen Type	OLED
Focal Length	80mm / F2.75	Resolution	1920×1080
FOV(H×V)	4.1°×3.1°	Eyepiece	
System Magnification	9.1×	Diopter	- 4 ~ + 4D
Digital Zoom	1~8×	Spacing	60~70mm
Laser Detection		Storage	
Detection Max. distance of sight(50mm)	1800m	Standard On Board	64GB
Laser Rangefinder		Physical	
Laser Type	1535nm/Class1/Eye-safe	Dimensions (W × H × D)	266mm×278mm×131mm
Range Capability	50~6000m (2.3m×2.3m target)	Weight	≤3.9kg (including battery)
Accuracy	±1m	Power Supply	
Digital Magnetic Compass		Battery Type	8 × 18650 lithium batteries
Azimuth Accuracy (RMS)	±1°	Battery life	> 8h
Inclination Accuracy (RMS)	±1°	Interfaces	
		External Power Supply	12~24V DC
		Video Output	HDMI, PAL
		Wired Data	USB, RS232
		Wireless	Wi-Fi
		Environmental	
		Immersion	IP67

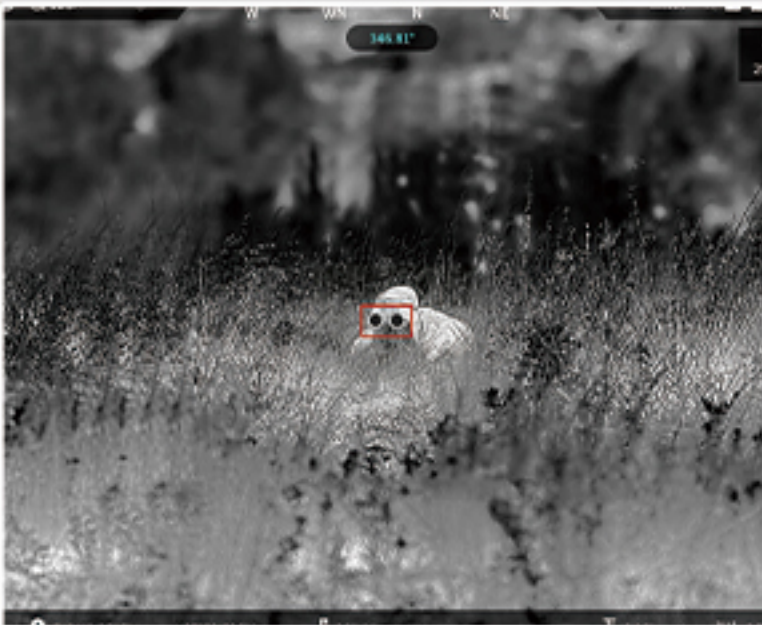
Infrared range performance Human



Infrared range performance Vechicle



The calculation of these indicators is based on the target detectability division method defined in the Johnson criterion. The humanoid target is defined as 1.7m high and 0.5m wide, and the vehicle target as 2.3m by 2.3m. The calculations assume standard environmental conditions and are based on the sensor specifications listed in the product. Actual performance may vary due to environmental factors, atmospheric conditions, or operational settings.



IR Mode&Cat Eye Effect



TV Mode