



GODZILLA-EC

COOLED MWIR CLIP-ON THERMAL SIGHT

The GODZILLA-EC is a cooled medium-wave forward clip-on scope that delivers clear images in challenging environments. It supports external rangefinding and ballistic calculations, hot-swappable batteries, and the ability to track the heat signature of projectiles. When paired with an optical scope it offers up to 35x magnification, making it ideal for remote mission execution.

KEY FEATURES



HOT-COOING MODULE

It adopts the HOT F4 cooling module, which features long service life, fast startup, and low power consumption.



ULTRA-LONG RECOGNITION DISTANCE

It is equipped with a 250 mm ultra-high magnification optical lens combined with infrared cooled imaging, enabling human recognition at a distance of up to 2,300 m.



PRECISE AIMING ASSISTANCE

It integrates an intelligent ballistic calculation algorithm to accurately calculate aiming correction points.



BALLISTIC TRAJECTORY TRACKING

It can realize real-time observation of the bullet's trajectory and impact point.



HIGH IMPACT RESISTANCE

It can withstand impacts of up to 1500G.



HOT-SWAPPABLE BATTERY

It supports battery replacement without power interruption.

1



2



3



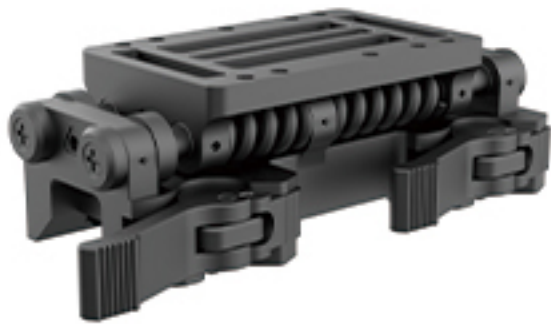
TECHNICAL DATA

Thermal Channel		Storage	
Sensor Resolution	640×512 pixels, 15μm	Standard On Board	128GB
Frame Rate	50Hz	Assembly	
Spectral band	3.7μm to 4.8μm	Min. baseline Height	38.5mm
Cooldown Time	3 minutes	Weapon Mounting	MIL-1913 mount, Fits picatinny rail
Focal Length	250mm/F4	Physical	
FOV(H×V)	2.2°×1.8°	Dimensions (W × H × D)	303mmx94mmx104mm
System Magnification	1×	Weight	≤2180g (no battery)
Laser Rangefinder (External Optional)		Power Supply	
Laser Type	1535nm/Class1/Eye-safe	Battery Type	4 × 18650 lithium batteries
Range Capability	10~3000m (2.3m×2.3m target)	Battery life	>4.5h / >9h(with hot swap)
Accuracy	±1m	Interfaces	
Advanced Functions		External Power Supply	12~24V DC
Ballistic Calculation	✓	Video Output	UVC
Battery Hot SWAP	✓	Wired Data	USB, RS232
AI Recognition	Human, Vehicles	Wireless	Wi-Fi, Bluetooth
Display		Environmental	
Display	0.37inch OLED	Shock Resistance	1500g,0.3ms,1Hz
Resolution	1280×1024	Immersion	IP67

ACCESSORIES

1

HEAVY RAIL



2

REMOTE



3

GODZILLA-X BALLISTIC RANGEFINDER (OPTIONAL)



Infrared range performance

Human

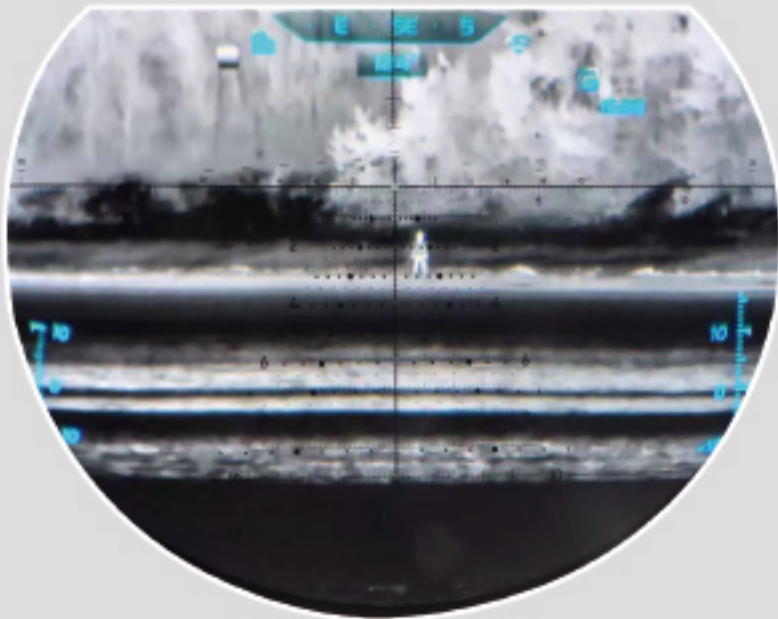
Recognition

Identification

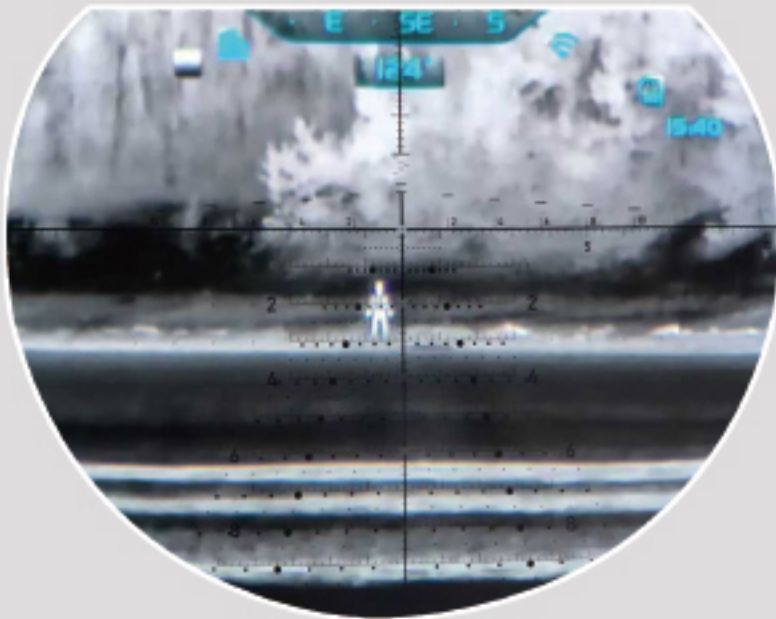
4700m

2350m

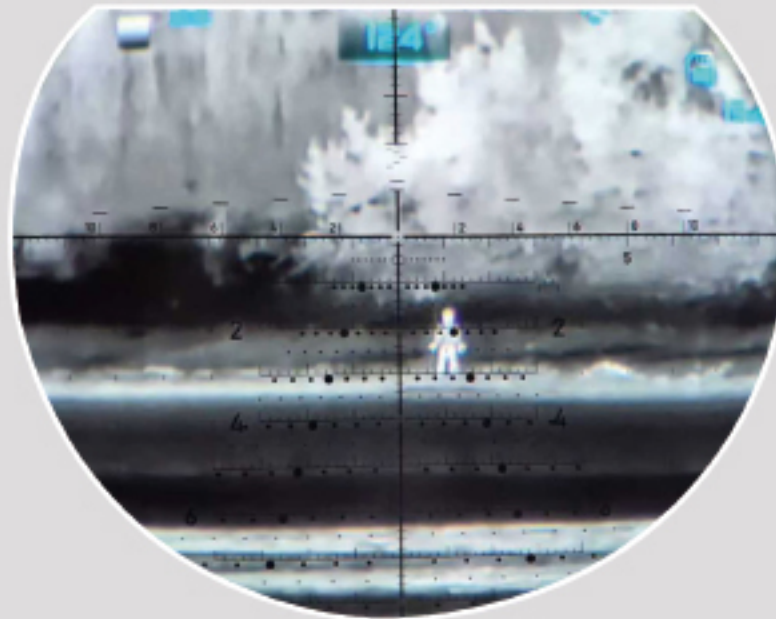
The calculation of these indicators is based on the target detectability division method defined in the Johnson criterion. The humanoid target is defined as 1.7m high and 0.5m wide, and the vehicle target as 2.3m by 2.3m. The calculations assume standard environmental conditions and are based on the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



1200M/15X



1200M/20X



1200M/25X