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"ThermTec Outdoor"



# ThermTec

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With 18mK sharp clarity, innovative integrated LRF design, and super imaging detail, the Ibex combines high performance with intuitive operation, making it the ultimate first thermal scope for outdoor hunting enthusiasts.

## Taking You to Explore the Nature

-  1600×1200 0.5" AMOLED Display
-  Long Detection Range up to 1800m
-  Ultra-precise 0.8cm@100m click value
-  ThermTec AutoSight System
-  Replaceable & Rechargeable Batteries
-  High Shock Resistance up to 6000J
-  Recoil Activated Video
-  Service & Support All-in-one App

**Crafted for Outdoors, Driven by Value**

# ThermTec



## IBEX Series Thermal Imaging Scope



NETD < 18mK



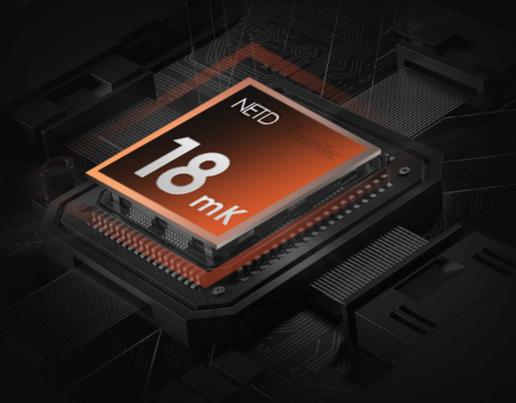
LRF Integrated



Replaceable

## 18mK Super Clarity

With NETD < 18 mK, a 50 Hz refresh rate, and 1600x1200 0.5" AMOLED display, Ibox captures subtle temperature differences, consistently delivering smooth and detailed imagery.



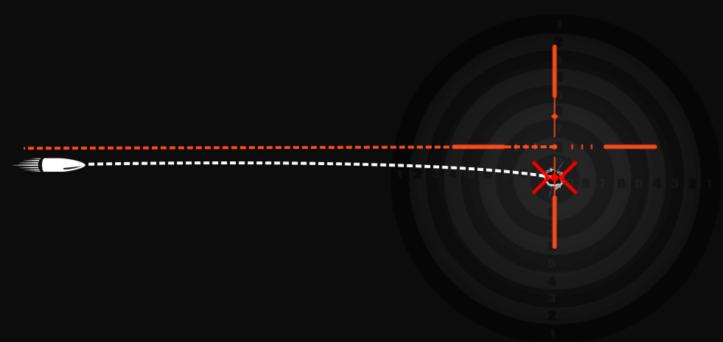
## Intuitive Operation Design

The scratch-resistant aluminum alloy construction, along with tactile buttons and an independent lens cover, enhances overall accessibility, simplicity and operation comfort.



## Accurate Long-Range Shooting

The ballistic calculator optimizes the aiming process of distant targets with automatic angle compensation analysis and custom impact reticles.



## Integrated LRF Design

The LRF-integrated all-in-one streamlined design enhances visual appeal and structural strength while maintaining excellent optical performance, offering laser ranging capability up to 1000m.



## Central Turret Focus System

The unique central turret focus system makes it easier and more comfortable to focus compared to traditional focusing design.



## 6H Durability

Two replaceable and rechargeable 18650 batteries provide 6 hours of continuous use each, with horizontal placement that ensures a clear view and sleek design.



## Super Imaging Detail

Combining base magnification with continuous digital zoom up to 14.8x, empowered by super-resolution algorithm, it delivers ultra-detailed images without any loss of quality.



## Consistently Clear & Stable Image

ThermTec AI calibration reduces shutter frequency, minimizes image freezing and ensures stable and consistent images over changing environments.



## Specifications

Model	Ibox335L
<b>Microbolometer</b>	
Type	Uncooled
Resolution	384x288
Pixel pitch	12μm
NETD	<18mK
Spectral range	8-14μm
Frame rate	50Hz
Detection range	1800m
<b>Optics</b>	
Objective lens	35mm
Field of view	7.5° × 5.7°
m @100m	13.2 × 9.9
Magnification	3.7X
Digital zoom	1.0-4.0X
Eye relief	50mm
Exit pupil	6mm
Diopter	±5D
<b>Aiming Reticle</b>	
Reticle	7
Reticle color	6
<b>Display</b>	
Type	AMOLED
Resolution	1600 × 1200
Display size	0.5 inch
Color palette	6
<b>Function</b>	
Max. recoil power on rifled weapon	6000J
Mounting brackets on weapon	Standard 30mm rings
RAV	Yes
Audio recording	Yes
Manual zeroing	Yes
Zeroing profiles	6
Freeze zeroing	Yes
Picture-in-picture	Yes
LRF	1000m
Ballistic calculation	Yes
Image calibration	Manual/Auto
<b>Video Recorder</b>	
Photo/video playback	Yes
Inbuilt memory	64GB
<b>Interface</b>	
Type C	Data transfer, Battery charge
Hotspot	Yes
<b>Battery</b>	
Battery type	Replaceable, 1*18650
Battery life	6h
<b>Environment</b>	
Operating temperature	-20°C ~+50°C
IP rating	IP67
Weight, g	770 ± 5 (w/o Battery)
Size, mm	344 × 86 × 70
<b>Accessories</b>	
External cable	USB data cable
Other accessory	Eyeshade and etc.