

Kitalpha, the brightest star in the Equuleus constellation, is 52.5 times more luminous than the Sun.

It shines with with a dazzling light, just like the new arrival,

TK Kitalpha

Its capabilities of night vision, laser indicating and outdoor lighting enable you to absorbedly explore the world through the darkness.

CONTENT



1 Introduction

2 Features

3 Component illustration

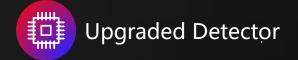
4 Specifications

5 Applications



TK Kitalpha Series

Equipped with Guide's new self-developed infrared detector and the patented image processing technology, the TK Gen2 Kitalpha Series captures sharp imaging and is packed with powerful features like image and video recording, smooth zoom, pseudo-color adjustment, approximate ranging and PIP. Personalized image observation is supported in different scene modes. The built-in laser indicator and illuminator facilitate itself to be operated in harsh environment.



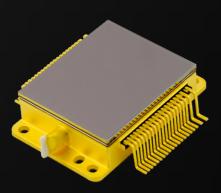






Find the HD resolution images

Featuring the new self-developed infrared metal detector, TK Kitalpha Series comes with 400x300 and 640x480 thermal resolution. The 3DNR and PureIR adaptive filtering algorithm provides superior image quality and detailed vision in complex environments.





Features



Before upgrading



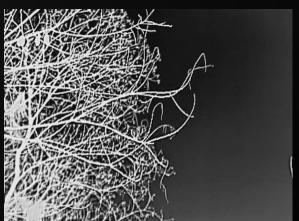




Upgraded











Retrieve the object information fast

Outdoor lighting

Enable the outdoor lighting function to generate the visible light images.



Laser indicating

Enable the laser indicating function to locate the object at 200m.

Laser indicator



Deliver a stunning HD view

Thanks to the full-color 0.4-inch HD display with 1280 x 960 pixels, the image is crisper and more delicate. It feels like watching 22-inch screen at 1 meter, which greatly improves the observation comfort.



1280×960 Full-color HD display



720×540 Ordinary display





Anti-Fog Eyepiece brings the clarity



This adaptive LCOS eyepiece prevents condensation or fogging and helps you maintain a clear view of your subject.



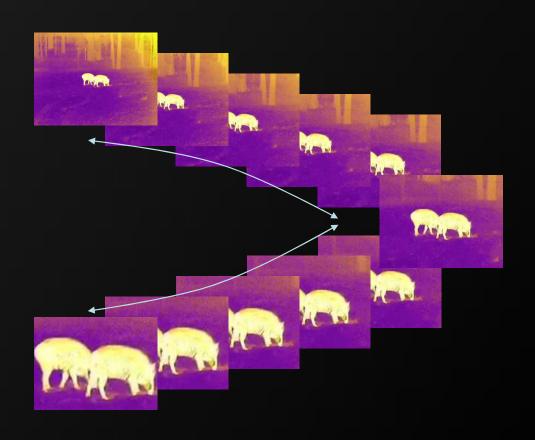






Bring extended 8x zoom capability

8X zoom can be used to observe targets from long distances for fast location.





Three visual experiences, easy to control even in complicated scenes

Choose the suitable one from the rich scene modes for different environments to find the target quickly.



Natural Mode:✓ Rich in gradation to observe targets comfortably



Enhanced Mode:
Enhance the brightness of high
temperature targets and
highlight high-temperature
targets



Highlight Mode:

Highlight the highest temperature and the lowest temperature areas



PIP mode for highlighting the target

The PIP mode allows you to zoom in on the target and highlight the details of the target when you are in the complex outdoor scenes.

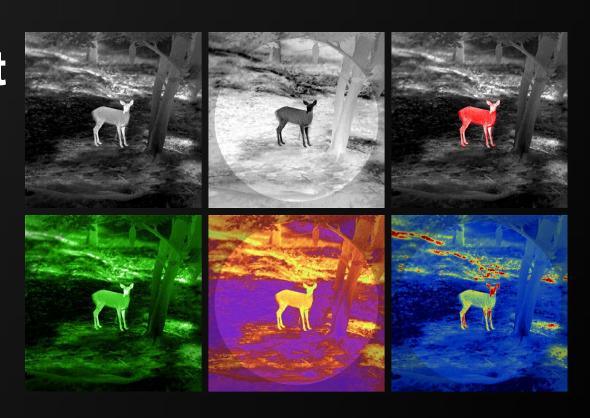




Multiple color palettes to highlight the target

Six color palettes: White Hot, Black Hot, Iron Red, Blue Hot, Green Hot and Adjustable Red Hot.

Support one-button switch to identify the location of the target instantly, helping to achieve all-weather observations.





IP66, rugged and durable and quality guaranteed

With the IP66 protection level and 1-meter drop test, it is suitable for all kinds of harsh weather. The UN38.3 battery certification, RoHS, CE and FCC certification give the quality assurance.



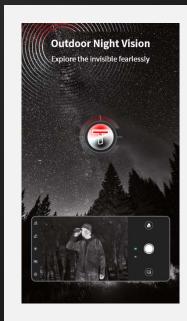


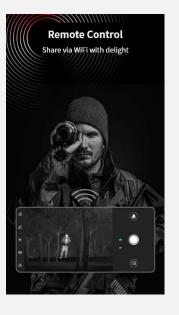
New App with a variety of functions



TargetIR

The TargetIR APP provides a variety of functions, such as live image and video transmission, for operating the TK Kitalpha Series.







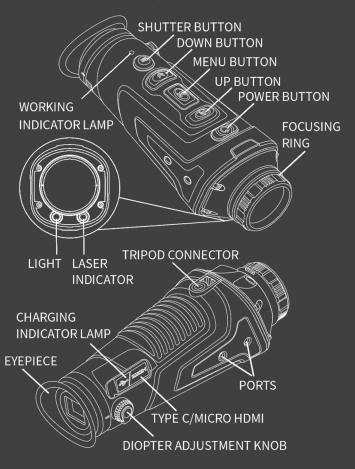




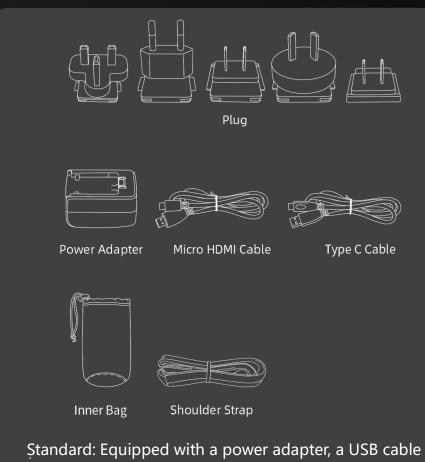
Component illustration & Accessories



Introduction



Component illustration



Standard: Equipped with a power adapter, a USB cable (Type C), a micro HDMI cable, a lens cover, a wrist strap, an inner bag, a shoulder strap, a Quick User Guide

Specifications

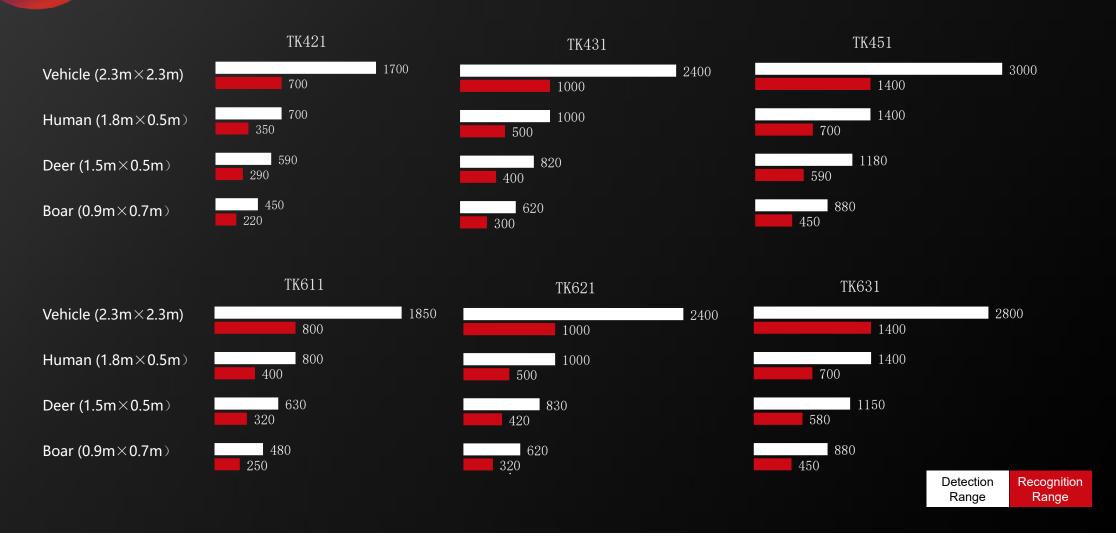


Model	TK421	TK431	TK451	TK611	TK621	TK631
IR Resolution	400×300@17μm			640×480@12µm		
ŅETD	≤30mk @ F1 25°C					
Focal Length	25mm F1.1	35mm F1.2	50mm F1.2	19mm F1.0	25mm F1.0	35mm F1.0
Focus	Manual focusing					
FOV	15.4°×11.6°	11.1×8.3	7.8×5.8	22.9×17.2	17.5×13.1	12.5×9.4
Output Frame Frequency	50Hz					
Optical Zoom	1.7x	2.3x	3.3x	1.1x	1.5x	2.0x
Digital Zoom	1x—4x 1x—8x					
Battery Operating Time	Battery continuous working time ≥ 5 hours @ 25 °C (only observe the state) Battery continuous working time ≥ 4.5 hours @ 25 °C (only observe the state)					
USB	Type C (USB 2.0 standard) interface, chargeable and data access					
Video Interface	Micro HDMI					
WIFI	Transmission of real-time video via WIFI for remote control, 2.4G frequency band, distance up to 15m					
Internal Storage	16GB					
Working temperature	-10°C~50°C					
Certifications	IP66/FCC/CE/Rohs/EAC/un38.3					
Weight	≤470g	≤485g	≤535g		90g	≤560g
Size	192*65 [*] 71mm		214*65*71mm	192*65	5*71mm	214*65*71mm

Specifications

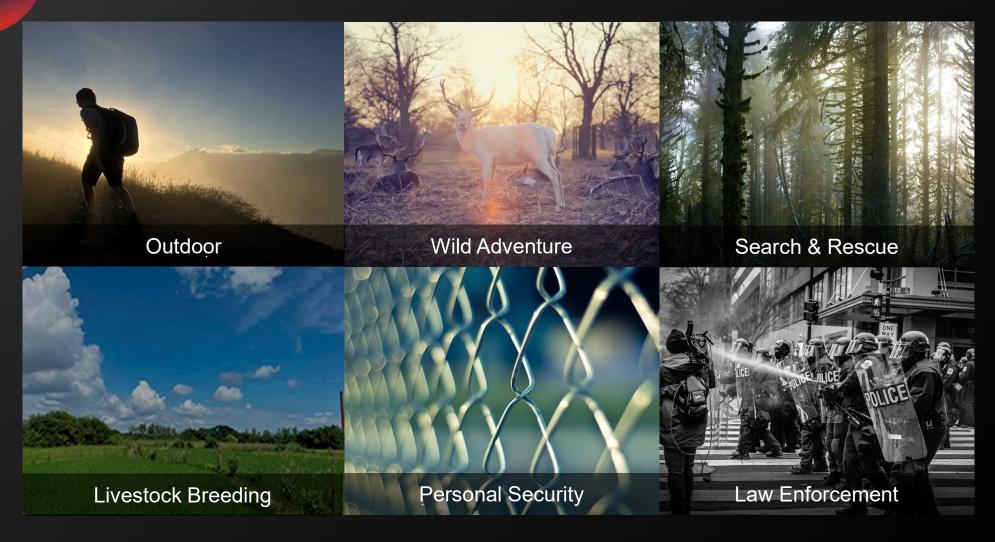


Offer a detection distance of 3km



Applications







Thanks!

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