



# TrackIR Series

Handheld Thermal Imaging Monocular



Work indicator  
could be shut down



Anti light-leakage  
eyepiece



Super silence  
button



Noiseless shutter  
calibration

## Introduction

TrackIR series is Guide's new launched handheld thermal imaging monocular designed for professional hunters. With 1280x960 HD display, it provides adaptable and excellent thermal imaging in any conditions. Support smooth zoom, built-in stadiametric rangefinder, image quality adjustment, picture-in-picture functions. At a high frame rate of 50Hz, TrackIR captures sharp thermal imaging throughout dynamic and rapid motion in distance. It also supports connecting accessories to realize more functions.

## Application

Night Hunting / Search & Rescue / Law Enforcement / Night Patrol / Outdoor Sports / Personal Security

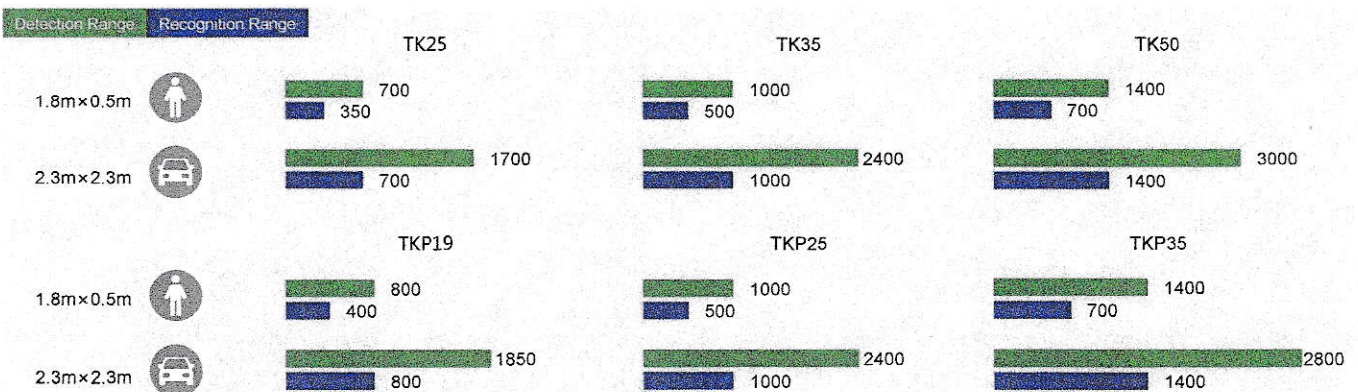
## Features and Benefits

- 1280×960 HD display for better comfort of viewing
- 640×480@12μm sensor ensures superb image
- Support smooth zoom (1x ~8x)
- Can connect external accessories such as laser rangefinder, lighting, power bank and etc
- Build-in stadiametric rangefinder
- User-friendly UI with quick menu, easy to operate
- Multiple Color Palettes for good vision in diverse environments
- Rugged and adaptable, IP66, 1-meter drop test



# Specifications

Model	TrackIR			TrackIR Pro		
	TK25	TK35	TK50	TKP19	TKP25	TKP35
<b>Detector</b>						
Detector Type	400x300 @17µm, Vox			640x480@12µm, Vox		
Spectral	8µm~14µm			8µm~14µm		
NETD	≤50mk					
<b>Lens</b>						
Focal Length	25mm/F1.1	35mm/F1.2	50mm/F1.2	19mm F1.0	25mm F1.0	35mm F1.0
Focusing	Manual Focus					
FOV	15.4°x11.6°	11.1°x8.3°	7.8°x5.8°	22.9x17.2	17.5x13.1	12.5x9.4
<b>Display</b>						
Screen	1280x960 , 0.4 inch , Color LCOS Display (Feel like watching 22 inch screen at 1 meter)					
Eyepiece	Monocular, Exit pupil≥10mm, Adjustable diopter-4~ +2					
Magnification	1.7~6.8	2.3~9.2	3.3~13.2	1.1~8.8X	1.5~12X	2.0~16X
<b>Imaging</b>						
Frame Rate	50Hz					
Digital Zoom	1X~4X (Smooth zoom)			1X~8X (Smooth zoom)		
Color Palettes	White Hot, Black Hot, Iron Red, Blue Hot, Red Hot (TrackIR PRO: Adjustable Red Hot)					
Scenes Modes	Enhanced, Highlight, Natural					
Picture-in-picture	Picture-in-picture enlarged image is displayed on the upper left, upper middle or upper right					
<b>Functions</b>						
Photo	√	√	√	√	√	√
Video	√	√	√	√	√	√
Hotspot tracking	√	√	√	√	√	√
Stadiametric rangefinder	√	√	√	√	√	√
Wi-Fi/APP	Wi-Fi share photo and video, also can controlled by app (IOS & Android)					
Compensation Modes	Auto Compensation / Shutter Compensation / Scene Compensation					
Indicate Box	Red,/yellow/green, the coordinates of the indicate box is adjustable					
Other	image enhancement, brightness and contrast of image are adjustable, auto power-off, auto sleep, super power-save mode, the work indicator could be shut off					
<b>Power Supply</b>						
Battery Type	Internal Li-Ion battery (2x18650, 6000mAh)					
Working Time	≥5h			≥4.5h		
<b>Weight &amp; Dimensions</b>						
Weight	470g	485g	535g	490g	490g	560g
Dimensions	192x65x71		214x65x71	192x65x71		214x65x71
<b>Package Contents</b>						
Standard	Power adapter,USB cable,Micro HDMI cable,Lens cover,Wrist strap, Lining package,Quick Start Guide					
Optional	External Picatinny rail, External screen and etc...					
<b>Interface</b>			<b>Environmental Characteristics</b>			
USB	TYPE C for charging, data transmission		Operating Temperature		-10°C ~ 50°C	
Video Output	Micro HDMI		Storage Temperature		-30°C ~ 60°C	
External Connection	External Connection by a Picatinny rail		Encapsulation		IP66, 1-meter drop test	
Memory Card	16 GB		Certificate		UN38.3, RoHS, CE, FCC, EAC	



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