



# CYCLOPS SERIES

## Thermal Imaging Monocular

**ThermTec**



# Taking You to Explore the Nature!

01 Thermal  
Imaging  
Monocular



## CYCLOPS Series Thermal Monoculars

Bring on-demand thermal surveillance for law enforcement and security professionals as well as outdoor enthusiasts for hunting and recreation.

Compact and portable thermal imagers quickly detect objects of interest and boost situational awareness, allowing users to scan fields, forests, and urban environments even in severe weather conditions and challenging environments.



## Key Features



### 1024 OLED Display

- Designed with 1024 OLED display, it brings outstanding HD image quality as well as great durability, making it operable in a broader temperature range.



### Photo/Video Recorder

- Integrated pictures and video recording makes sharing the thermal action quick and easy, with the functions of playback and APP sharing.



### GPS Function

- Enable users to know their coordinates in real time, which makes field activities safer.



### Wide Options of Color Pallets

- 6 thermal image pallets with comfortable visual experience, to meet with a variety of environments and weather conditions.



### Two Way Wi-Fi Connection

- Support both Wi-Fi and hotspot connections;
- Real-time image transmission



### Long Battery Life

- Built-in battery with up to 12H super long standby, recording every and instant moment of your hunting and outdoor experience.



### High Degree of Protection

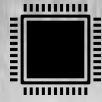
- IP67 water-proof, dust-proof and fog-proof;
- 1m drop resistance



# Spotting Every Detail

03

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## Perfect Detail Recognition

- 12 $\mu$ m VOx detector and 1024 OLED display ensure perfect detail recognition.



## High-Precision Zoom

- Continuous 1.0-6.0 HD zooming ensures excellent sharpness and the highest resolution of details from minimum to maximum magnification.



## Electronic Image Stabilization

- Provide clear and precise images even in scenes with lots of motion.



## Wide Dynamic Range (WDR) Mode VS. Target Mode

- Designed with both WDR mode and target mode, it captures details clearly under different scenarios as needed. WDR Mode is suitable for high-contrast lighting conditions, while Target Mode helps you to focus more on your targets.



WDR Mode



Target Mode



# Life in Easy Control



## Perfect Ergonomic Design

- Balance the central of gravity, and provide an easier and outstanding handheld experience.



## Easy Control

- With the perfectly shaped control elements, each function can be operated and controlled intuitively.



## Light and Handy

- The compact dimension makes it a lightweight and handy companion wherever you go.



# The Measure of Excellence



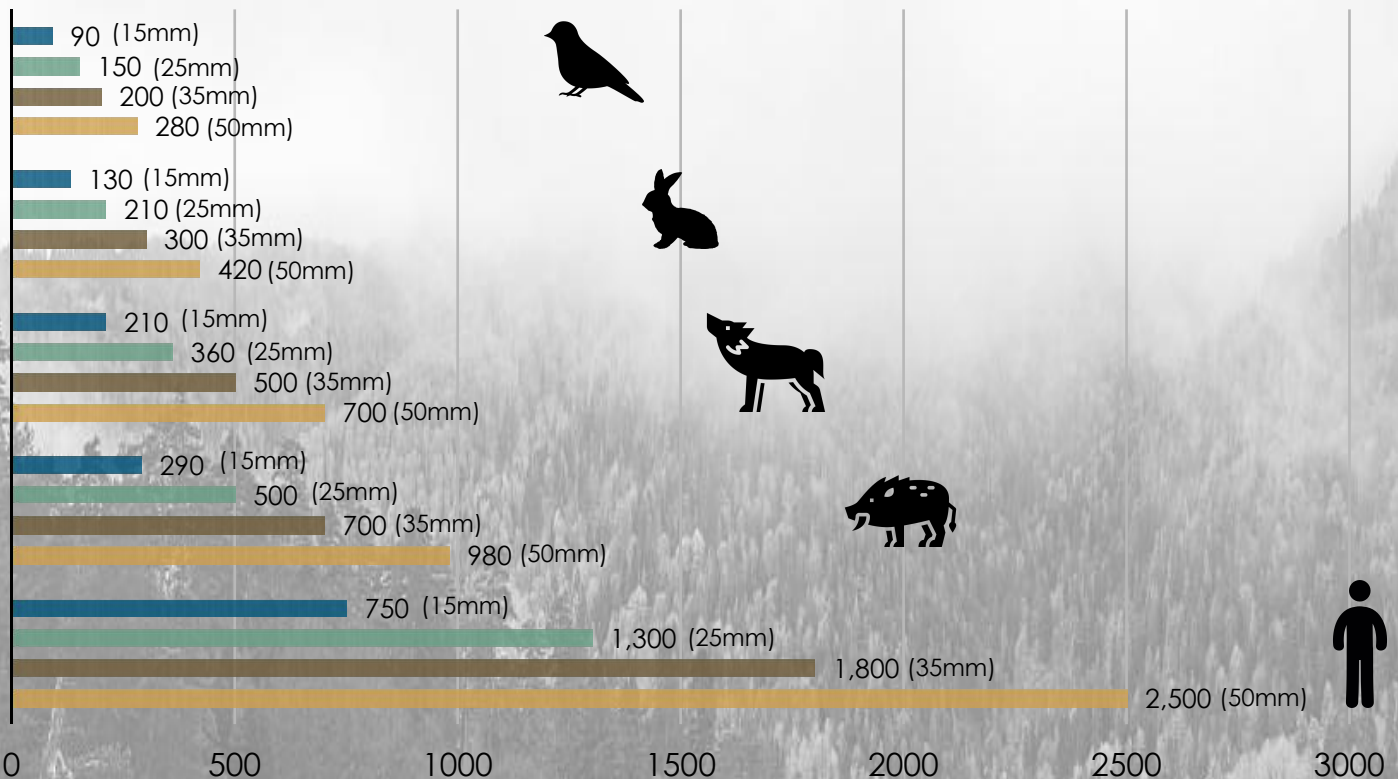
## Built-in AI Rangefinder

- Based on deep learning algorithm, the object distance can be automatically measured.



## Long Detection Range

- With up to 50mm objective lens and advanced thermal imaging hardware, It boasts exceptional detection range of up to 2,500 meters in complete darkness.





# Real-time APP Notification

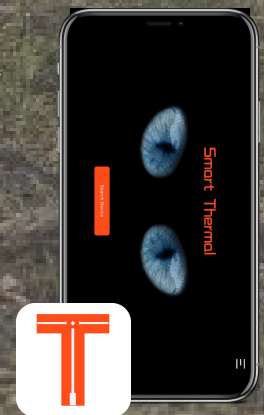


You will be notified immediately when an object enters your field of view.



See live views from the monocular on your smart phone via "Smart Thermal" APP.

Download and install the "Smart Thermal" APP:



# Specifications

Model	CP 315	CP 325	CP 335
<b>Sensor Parameters</b>			
Detector Type	Vox Microbolometer		
Resolution / Pixel Spacing	384x288/12um		
NETD	≤40mk@300k		
Frame Rate	50Hz		
Spectral Range	8~14μm		
Lens	15mm (F#0.9, manual focus)	25mm (F#1.0, manual focus)	35mm (F#1.0, manual focus)
FOV	17.5°x 13.1°	10.5°x 7.9°	7.5°x 5.6°
Identification Distance (1.8m man)	375m	627m	878m
<b>Image Processing</b>			
Digital Zoom	1~6x continuous		
Color Palette	5+		
Noise Reduction	3D noise reduction		
Image Enhancement	IDE; HDR		
<b>Display</b>			
OLED	0.39 inch; 1024x768 resolution		
Diopter Control	-5~+5		
Eye Distance	40mm		
<b>Function</b>			
OLED	8 modes		
Language	English		
Reticle	6+, adjustable coordinates		
Memory Card	16G		
AI Distance Measurement	Yes		
Photo, Record, Playback	Yes		
Heat Track	Yes		
Laser Indicator	Yes		
GPS	Yes		
<b>Power</b>			
Battery Type	Internal Cell (18650 Li battery x 2)		
Battery Life	Continuous working time ≥ 12h		
<b>Interface</b>			
Type-C	Power charge; read data; output analog video		
Wi-Fi	Two-way Wi-Fi connection; APP remote control		
<b>Environmental Parameters</b>			
Working Temperature	-20°C~+55°C		
Protection Level	IP67; 1 meter drop resistance		
<b>Physical Parameters</b>			
Weight	470g (with battery)		
Size	67mmx63mmx190mm		
<b>Accessories</b>			
External Cable	Analog video cable; USB data cable		
Other Accessory	Wrist strap; plush bag; user manual		



# Specifications

Model	CP 635	CP 650
<b>Sensor Parameters</b>		
Detector Type	Vox Microbolometer	
Resolution / Pixel Spacing	640x512/12um	
NETD	≤30mk@300k	
Frame Rate	50Hz	
Spectral Range	8~14μm	
Lens	35mm (F#1.0, manual focus)	50mm (F#1.0, manual focus)
FOV	12.5°x 10°	8.8°x 7.0°
Detection Distance (1.8m man)	1750m	2500m
<b>Image Processing</b>		
Digital Zoom	1 ~ 6x continuous	
Color Palette	5+	
Noise Reduction	3D noise reduction	
Image Enhancement	IDE; HDR	
<b>Display</b>		
OLED	0.39 inch; 1024x768 resolution	
Diopter Control	-5~+5	
Eye Distance	40mm	
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Type-C	Power charge; read data; output analog video	
WI-FI	Two-way Wi-Fi connection; APP remote control	
<b>Environmental Parameters</b>		
Working Temperature	-20°C~+55°C	
Protection Level	IP67; 1 meter drop resistance	
<b>Physical Parameters</b>		
Weight	550g (with battery)	
Size	67mm×63mm×190mm	
<b>Accessories</b>		
External Cable	Analog video cable; USB data cable	
Other Accessory	Wrist strap; plush bag; user manual	