



**ThermTec**

# Outdoor Products

■ Taking You to Explore the Nature

# ABOUT THERMTEC

ThermTec Technology Co., Ltd. is a leading global provider of thermal imaging technology and equipment, developing leading edge products and solutions.

With ThermTec products, you can enjoy nature as never before.



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ThermTec

Thermal Imaging Monocular

# Cyclops & Cyclops Pro

NETD  $\leq$  35/40mk

NETD  $\leq$  25mk



# PRODUCT FEATURES



AI

## AI Intelligent Rangefinder

Advanced, deep learning based, AI algorithms allow multiple targets to be measured and displayed in real time.



## Two Image Display Modes

**WDR Mode (Wide Dynamic Range)** is suitable for high-contrast lighting conditions.

**Object Mode** ensures a more focused view of the target.



## Joystick Operation

The easy to use joystick provides instant access to the key controls and rapid navigation to all other functions.



12H

## Long Battery Life

The built in, super high capacity battery, gives over **12 hours** continuous use for total peace of mind.



WDR Mode

&amp;



Object Mode



### **F/1.0 Lens**

The greater surface area of an F/1.0 lens ensures more thermal radiation reaches the sensor, creating a sharper image.



### **GPS**

Real time GPS location tracking aids record keeping and safety.



### **Continuous Zoom**

A 1.0-6.0X continuous zoom ensures the best possible image without compromise.



### **High Degree of Protection**

IP67 water-proof, dust-proof and fog-proof.



### **Stable & Reliable Image**

EIS (Electric Image Stabilization) technology provides clear and precise viewing as well as photo and video recording, even in scenes with lots of motion.

\*Except Cyclops 3 Series



### **High Thermal Sensitivity**

The Cyclops Pro's upgraded, **NETD $\leq$ 25mk** sensor captures the smallest detail even when the target and background are almost at the same temperature.

# Specifications

## Cyclops



| Model          | CP315                        | CP319         | CP325        | CP335        | CP350        | CP635        | CP650        |
|----------------|------------------------------|---------------|--------------|--------------|--------------|--------------|--------------|
| Resolution     | 384x288                      |               |              |              |              | 640x512      |              |
| Pixel pitch    | 12μm                         |               |              |              |              |              |              |
| NETD           | ≤40mk@300k                   |               |              |              |              | ≤35mk@300k   |              |
| Frame rate     | 50Hz                         |               |              |              |              |              |              |
| Objective lens | 15mm (F/0.9)                 | 19mm (F/1.0)  | 25mm (F/1.0) | 35mm (F/1.0) | 50mm (F/1.0) | 35mm (F/1.0) | 50mm (F/1.0) |
| Field of view  | 17.5° x 13.1°                | 13.8° x 10.4° | 10.5° x 7.9° | 7.5° x 5.6°  | 5.3° x 4.0°  | 12.5° x 10°  | 8.8° x 7.0°  |
| Magnification  | 1.4X                         | 1.8X          | 2.4X         | 3.3X         | 4.8X         | 2.0X         | 2.8X         |
| Digital zoom   | 1 - 6X continuous zoom       |               |              |              |              |              |              |
| Eye relief     | 40mm                         |               |              |              |              |              |              |
| Display type   | 1024 x 768 OLED              |               |              |              |              |              |              |
| Battery life   | Continuous working time ≥12h |               |              |              |              |              |              |
| Weight, g      | 550 (with battery)           |               |              |              |              |              |              |
| Dimension, mm  | 190(L) x 63(W) x 67(H)       |               |              |              |              |              |              |

# Specifications

## Cyclops Pro



| Model          | CP315 Pro                    | CP319 Pro     | CP325 Pro    | CP335 Pro    | CP350 Pro    | CP635 Pro    | CP650 Pro    |
|----------------|------------------------------|---------------|--------------|--------------|--------------|--------------|--------------|
| Resolution     | 384x288                      |               |              |              |              | 640x512      |              |
| Pixel pitch    | 12μm                         |               |              |              |              |              |              |
| NETD           | ≤25mk@300k                   |               |              |              |              |              |              |
| Frame rate     | 50Hz                         |               |              |              |              |              |              |
| Objective lens | 15mm (F/0.9)                 | 19mm (F/1.0)  | 25mm (F/1.0) | 35mm (F/1.0) | 50mm (F/1.0) | 35mm (F/1.0) | 50mm (F/1.0) |
| Field of view  | 17.5° x 13.1°                | 13.8° x 10.4° | 10.5° x 7.9° | 7.5° x 5.6°  | 5.3° x 4.0°  | 12.5° x 10°  | 8.8° x 7.0°  |
| Magnification  | 1.4X                         | 1.8X          | 2.4X         | 3.3X         | 4.8X         | 2.0X         | 2.8X         |
| Digital zoom   | 1 - 6X continuous zoom       |               |              |              |              |              |              |
| Eye relief     | 40mm                         |               |              |              |              |              |              |
| Display type   | 1024 x 768 OLED              |               |              |              |              |              |              |
| Battery life   | Continuous working time ≥12h |               |              |              |              |              |              |
| Weight, g      | 550 (with battery)           |               |              |              |              |              |              |
| Dimension, mm  | 190(L) x 63(W) x 67(H)       |               |              |              |              |              |              |