

Specifications

| Model | Cyclone 315 | Cyclone 325 | Cyclone 625 |
|-------------------------|---|------------------|------------------|
| Microbolometer | | | |
| Resolution | 384x288 | 384x288 | 640x512 |
| Pixel pitch | 12µm | | |
| NETD | 20mK@300K | | |
| Spectral range | 8-14µm | | |
| Frame rate | 50Hz | | |
| Detection range | 750m | 1300m | 1300m |
| Optics | | | |
| Objective lens | 15mm/F1.0 | 25mm/F1.0 | 25mm/F1.0 |
| Field of view | 17.5°x 13.1° | 10.5°x 7.9° | 17.5° x 14° |
| /m @100m | 30.7m x 23.0m | 18.4m x 13.8m | 30.8m x 24.6m |
| Magnification | 1.4X | 2.4X | 1.4X |
| Digital zoom | 1X,2X,4X | | |
| Eye relief | 20mm | | |
| Exit pupil | 6mm | | |
| Diopter | ±5D | | |
| Display | | | |
| Type | AMOLED | | |
| Resolution | 1024x768 | | |
| Display size | 0.39 inch | | |
| Color palette | 6 | | |
| Image mode | Forest/Target/Outline | | |
| Function | | | |
| Photo/Video playback | Yes | | |
| Language | Multiple-language | | |
| Inbuilt memory | 32GB | | |
| Audio | Yes | | |
| Calibration | Auto/Manual | | |
| PIP | Yes | | |
| AI distance measurement | Yes | | |
| Heat track | Yes | | |
| Real-time notification | Yes | | |
| OSD recording | Yes | | |
| Battery | | | |
| Internal battery | Replaceable and Rechargeable Li-ion Battery (18650x1) | | |
| Battery life | 10h | 10h | 8h |
| Interface | | | |
| Type-C | Supports battery charging, data transfer | | |
| Hotspot | Yes, App remote control | | |
| Environment | | | |
| Working temperature | -20°C—+50°C | | |
| Protection level | IP67 | | |
| Weight, g | 255(w/o battery) | 261(w/o battery) | 261(w/o battery) |
| Dimension,mm | 136x76x54 | | |
| Accessories | | | |
| External cable | USB cable | | |
| Other accessory | Protective bag/Non-dust cloth and etc. | | |



ThermTec



Cyclone Series

Thermal Imaging Monocular



NETD < 20mK 20H Durability Pocket-Sized

Power in Pocket, Clarity in Action

ThermTec

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 Email: info@thermteytec.com
 Website: https://www.thermteytec.com

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Quality at a Value

Cyclone features a high-sensitivity **NETD < 20mK** detector, providing sharp clarity in even challenging environments. Upholding ThermTec's commitment to quality, Cyclone now offers a more portable size and a more attractive price. Experience excellence that fits your needs.



Multi-target Distance Detection

Determining the distance to your target is essential for success. When multiple targets come into view, the Cyclone employs **AI technology** to **automatically measure** the distance from you to each heat source, greatly enhancing observation efficiency.



Pocket-Sized Precision

With its **255g compact size** and **ergonomically curved design**, the device fits perfectly in your hand, enabling full control with **one hand** and effortless access to all buttons, regardless of whether you are left-handed or right-handed. The carefully arranged button layout allows for immediate usability once you take hold of it.



20H Exploration

ThermTec's **energy-efficient** technology, combined with replaceable rechargeable batteries, ensures 10 hours of continuous operation. With two batteries, enjoy **20 hours** of uninterrupted use from day to night. Plus, it supports use while charging—20 hours and beyond.



AI Calibration

Cyclone utilizes progressive **AI algorithms**, making each use a process of machine learning. By collecting data from various environments, it ensures consistent and clear image quality under the same conditions.



3 Seconds to Boot

Simply press the power button while raising your hand to prepare for observation, and the device will quickly start up. Ensure you don't overlook anything you wish to explore.



Tailored Viewing with 3 Modes

To accommodate the dynamic environmental conditions of targets, Cyclone features three modes—**Forest, Target, and Outline**—and **six color palettes**. You can customize the settings according to your current needs, enhancing observation efficiency while protecting your eyes during prolonged use.

