

ThermTec



Cyclops **SE** Series

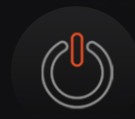
Thermal Imaging Monocular



NETD < 20mK



16H Durability



3s Startup

Value in Clear View

High Performance Imaging

The high-sensitivity **NETD < 20mK** sensor combined with a 384x288@12μm resolution ensures ultra-clear, detail-rich images even in minimal temperature differentials. With a magnification range of **3.3x-13.2x**, it enables easy, clear identification of target details.



16-Hour Nonstop

Integrated with a high-capacity lithium-ion battery, it offers **16 hours** of uninterrupted runtime, ensuring outdoor practicality while reducing the need for frequent recharging.



Multiple Targets Determination

Cyclops-SE comes equipped with **AI ranging**, which is especially beneficial when multiple targets are present, enhancing efficiency and enabling quick decision-making.



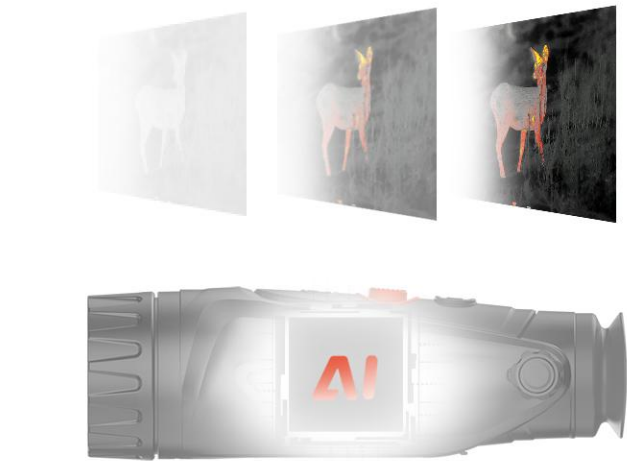
3s Startup

Fast boot ensures observation efficiency, especially when timely information is critical in emergencies. Coupled with ThermTec's **energy-efficient** technology, it contributes to extended battery life.



AI Calibration

Through advanced **AI self-learning algorithms**, Cyclops-SE continuously enhances its algorithm performance by collecting factors such as temperature and humidity in various environments, thereby providing increasingly stable target image quality and background rendering effects.



User-Oriented Design

Cyclops-SE carries on with the joystick design, providing ergonomic **single-handed operation**. Its intuitive interface integrates multiple functions, ensuring quick and easy usability.



Specifications

Model	Cyclops335 SE
Microbolometer	
Resolution	384x288
Pixel Pitch	12μm
NETD	20mK@300k
Spectral range	8-14μm
Frame rate	50HZ
Detection Range	1800m
Optics	
Objective lens	35mm/F1.0
Field of view	7.5°x 5.6°
/m @100m	13.2m x 9.9m
Magnification	3.3x
Digital Zoom	1-4x continuous zoom
Eye relief	40mm
Exit pupil	6mm
Diopter	±5D
Display	
Type	AMOLED
Resolution	1024x768
Color palette	6
Image mode	Forest/Target/Outline
Function	
Photo/video playback	Yes
Language	Multiple languages
Inbuilt Memory	64GB
Calibration	Auto/Manual
AI/MIL Distance Measurement	Yes
Real-time Notification	Yes
Battery	
Internal battery	Internal High Capacity Li-ion Battery(18650x2)
Battery life	16h
Interface	
Type-C	Supports battery charging,data transfer
Hotspot	App remote control
Environment	
Working temperature	-20°C-+50°C
Protection Level	IP67
Weight, g	522
Dimension,mm	196.4*63.8*64.1



Website: <https://www.thermeyer-tec.com>

