



ThermTec Technology Co., Ltd.
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Specifications - Cyclops Pro

Model	CP315 PRO	CP319 PRO	CP325 PRO	CP335 PRO	CP350 PRO	CP635 PRO	CP650 PRO
Microbolometer							
Resolution	384x288					640x512	
Pixel pitch	12μm						
NETD	≤25mk@300k						
Frame rate	50HZ						
Optics							
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						
Exit pupil	6mm						
Diopter	±5D						
Display							
Type	AMOLED						
Display size	0.39 inch						
Color palette	6						
Image model	WDR (Wide Dynamic Range) Mode; Object Mode (Object Enhanced)						
Function							
Photo/Video Playback	Yes						
Reticle	7, adjustment coordinates						
Built-in memory	16GB						
PIP	Yes						
AI/MIL distance measurement	Yes						
GPS	Yes						
Laser Indicator	Yes (CP315-CP335)						
Real-time notification	Yes						
OSD Recording	Yes						
Battery							
Battery Type	Internal high capacity lithium ion (18650x2)						
Battery Life	Continuous working time ≥12h						
Interface							
Type-C	Supports battery charging, data transfer and analog video output						
WI-FI	Two-way Wi-Fi connection; App remote control						
Environment							
Working temperature	-20°C—+50°C						
Protection level	IP67, 1 meter drop resistance						
Weight, g	550 (with battery)						
Dimension, mm	190(L) x 63(W) x 67(H)						

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Cyclops | Cyclops Pro

Thermal Imaging Monocular

NETD≤35/40mk | NETD≤25mK



Taking You to Explore the Nature

Born for **Night Hunting**



- 12 μ m detector
- 1024 OLED display
- F/1.0 Lens
- EIS technology
- Continuous zoom
- Hot tracking

■ 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.



■ Various 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.
- Target Outline Mode is developed to offer a clear clue of your target in darkness.



● WDR Mode



● Object Mode



● Target Outline Mode

■ High-Precision Zoom

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



6x ZOOM

■ Intelligent AI Ranging

Based on deep learning algorithm, the monocular is able to automatically measure the object distance. With the new feature of setting target type and size, the accuracy of AI ranging has been greatly improved.



972m



■ High Capacity Batteries

Up to 12 hours of active use. No more lost exciting moments due to drained batteries.



12H

■ Long Detection Range

Maximum 50mm objective lens and advanced algorithm, it boasts exceptional detection range of up to 5,556 meters in complete darkness.

