



CYCLOPS SERIES

Thermal Imaging Monocular

SPECIFICATIONS

ThermTec



Model	CP315	CP319	CP325	CP335	CP350	CP635	CP650
Microbolometer							
Resolution	384x288					640x512	
Pixel pitch	12μm					12μm	
NETD	≤40mk@300k					≤35mk@300k	
Spectral range	8-14μm						
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)
FOV	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						
Eye pupil	6mm						
Diopter	±5D						
Display							
Type	AMOLED						
OLED color	3						
Display size	0.39 inch						
Color palette	6						
Image mode	WDR (Wide Dynamic Range) Mode; Object Mode (Object Enhanced)						
Function							
Photo/video playback	Yes						
Language	Multiple-languages						
Reticle	7, adjustment coordinates						
Built-in memory	16GB						
PIP	Yes						
AI/MIL distance measurement	Yes						
Heat track	Yes						
GPS	Yes						
Laser indicator	Yes (CP315-CP335)						
Real-time notification	Yes						
Battery							
Battery type	Internal high capacity lithium ion (18650 x 2)						
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℃~+55℃						
Protection level	IP67, 1 meter drop resistance						
Weight, g	550 (with battery)						
Size, mm	190x63x67						
Accessories							
External cable	Analog video cable; USB data cable						
Other accessories	Wrist strap; plush bag; user manual						

PRODUCT RANGE PERFORMANCE

