



Cyclone Series
Thermal Imaging

Thermal Imaging Monocular Cyclone 315

Technical Specifications



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Cyclone 315

Key Features

- 384*288 thermal resolution, NETD less than 20mK
- Excellent handheld ergonomic design for a perfect operating experience
- Silent button with no noise
- Various colour palettes for customizable use
- Advanced AI algorithm suitable for diverse distance measurements simultaneously
- Incomparably simple UI interface
- Up to 32GB storage capacity
- 1024*768 resolution with a 0.39-inch OLED display
- Three types of digital zoom available
- Fast boot within 3 seconds
- Replaceable lithium batteries provide up to 10 hours of continuous work
- A variety of imaging modes including forest, target, and outline

Applications

- Observation
- Night hunting
- Rescue operations
- Hiking & traveling

Specifications



Model		Cyclone315
		Microbolometer
Resolution		384x288
Pixel Pitch		12μm
NETD		20mK@300k
Spectral range		8-14μm
Frame rate		50HZ
Detection Range		750m
		Optics
Objective lens		15mm/F1.0
Field of view		17.5° x 13.1°
/ m @100m		30.7m x 23.0m
Magnification		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-languages
Inbuilt Memory	32GB
Audio	Yes
Calibration	Auto/Manual
PIP	Yes
AI Distance Measurement	Yes
Heat Track	Yes
OSD Recording	Yes
Battery	
Internal battery	Replaceable and Rechargeable Li-ion Battery (18650x1)
Battery life	10h
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)
Dimension mm	139*76*54
Accessories	
External Cable	USB cable
Other Accessories	Non-dust cloth and etc.

Accessories



Monocular (x1)



USB cable (x1)



Charger (X1)



Lens cloth (x1)



User manual (x1)



Lithium battery (X2)

Dimension

Unit: mm

