

Cyclops-D Series Thermal Imaging

Thermal Imaging Monocular Cyclops 340D Technical Specifications

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Cyclops 340D

Key Features

- 384*288 thermal resolution, NETD≤25mk;
- Automatic object detection and distance measurement;
- Picture in picture function;
- 1x--6x continuous digital zoom;
- Various pesudo colors;
- Joystick control design;
- 1024*768 resolution with 0.39 inch OLED display;
- Up to 12h continuous working for lithium battery;
- WDR/object/target outline mode

Applications

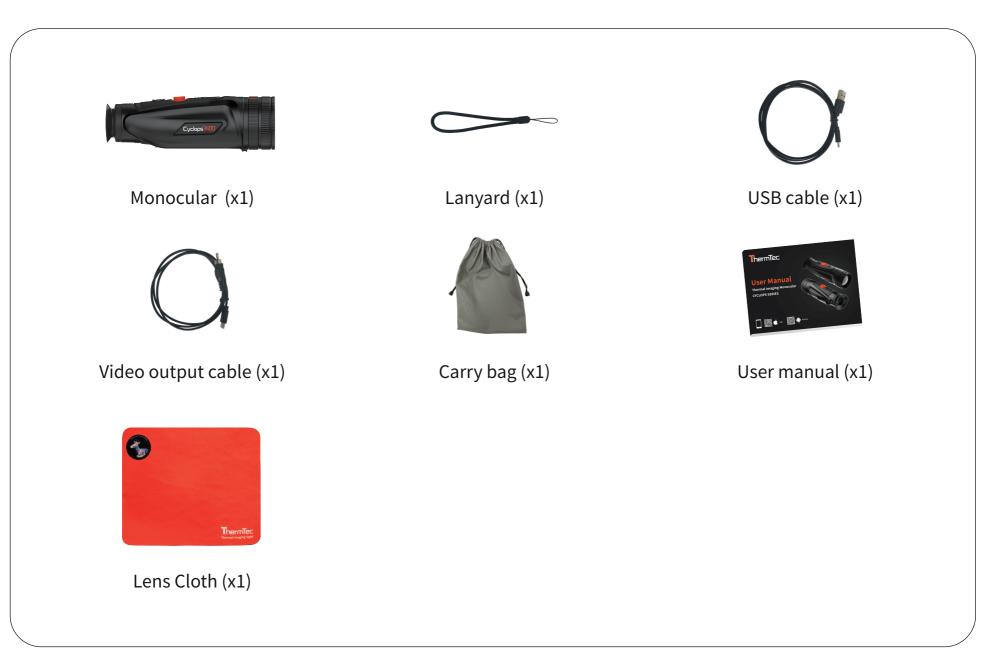
- Night hunting
- Observation
- Rescue operations
- Hiking and traveling

Specifications

Model	CP340D
Туре	Uncooled
Resolution	384x288
Pixel pitch	12µm
NETD	25mk@300k
Spectral range	8-14µm
Frame rate	50HZ
	Optics
Objective lens	20/40 F1.0 Dual FOV
Field of view	13.1°x9.9° / 6.6°x4.9°
Magnification	1.9X-3.8X
Digital zoom	1 - 6X continuous zoom
Eye relief	40mm
Exit pupil	6mm
Diopter	±5D
	Display
Туре	AMOLED
Resolution	1024x768
Display size	0.39 inch
Color palette	6
Image Mode	WDR/Object/Target outline mode

	Function
Photo/Video Playback	Yes
Language	Multiple Languages
Built-in Memory	32GB
PIP	Yes
AI/MIL Distance Measurement	Yes
Heat Track	Yes
Real-time Notification	Yes
OSD Recording	Yes
	Interface
Type-C	Supports battery charging, data transfer and analog video output
Wi-Fi	Two-way Wi-Fi connection; App remote control
	Battery
Battery Type	Internal high capacity lithium ion (18650 x 2)
Battery Life	Continuous working time ≥12h
	Environment
Operating temperature	-20°C—+50°C
IP rating	IP67
Weight, g	550
Dimension, mm	200(L) x 66(W) x 62(H)
	Accessories
External Cable	Analog video cable; USB data cable
Other Accessories	Wrist strap; plush bag; user manual





Dimension

Unit: mm

