

Vidar Series Thermal Imaging

Thermal Imaging scope Vidar319L

Technical Specifications



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VIDAR 319L

Key Features

- Compact design, video recording and snapshot, built-in memory chip up to 64GB;
- 384*288 thermal resolution, NETD≤25mk;
- Automatic object detection and distance measurement;
- Picture in picture & RAV function;
- 1x--5x continuous digital zoom, 2 modes of Rapid and Smooth Zooming;
- Various pseudo colors and crosshair function;
- Polarity reversal for crosshairs, easy battery installation;
- 1024*768 resolution with 0.39 inch OLED display;
- Up to 11h continuous working for lithium battery

Applications

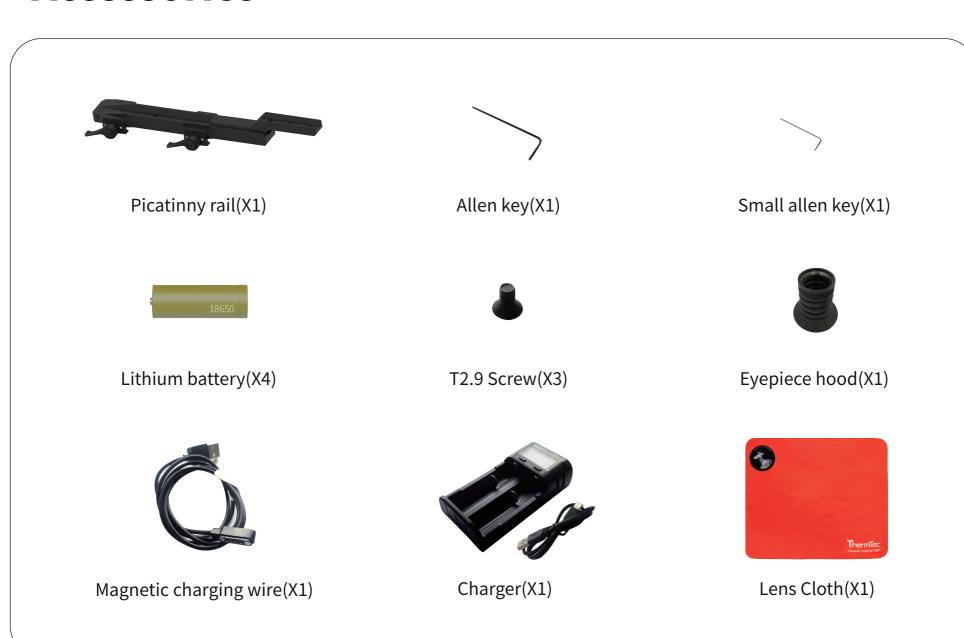
- Night hunting
- Observation
- Rescue operations
- Hiking and traveling

Specifications

Model	Vidar319L
Туре	Uncooled
Resolution	384x288
Pixel pitch	12μm
NETD	≤25mk
Spectral range	8-14µm
Frame rate	50HZ
	Optics
Objective lens	19mm
Field of view	13.8° x 10.4°
Magnification	1.6X
Digital zoom	1.0-5.0X smooth & rapid zoom
Eye relief	45mm
Exit pupil	6mm
Diopter	±5D
	Aiming Reticle
Click range, mm @100 m (H/V)	3.6m/3.6m
Reticle	7
Rectile color	Black and white
	Display
Туре	AMOLED
Resolution	1024x768
Display size	0.39 inch
Color palette	6

Function	
Max. recoil power on rifled weapon	6,000J
Mounting brackets on weapon	Standard picatinny rail
RAV	Yes
Auto zeroing	Yes
Manual zeroing	Yes
Zeroing profiles	5
Picture-in-picture	Yes
Image calibration	Via lens cover
	Video Recorder
Photo/video playback	Yes
Built-in memory	64GB
,	Interface
Magnetic interface	Data transfer
Wi-Fi	Yes
	Battery
Replaceable battery	18650x2
Battery reverse connection	Yes
Battery life	11h
	Environment
Operating temperature	-20°C—+50°C
IP rating	IP67
Weight, g	596
Dimension, mm	160(L)x90(W)x70(H)
	Accessories
Magnetic cable	Magnetic interface data cable
Other accessories	Standard picatinny rail, eyeshade, etc.

Accessories



Dimension

Unit: mm

