



**Vidar Series**  
Thermal Imaging

**Thermal Imaging scope  
Vidar319**

**Technical  
Specifications**



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# VIDAR 319

## Key Features

- Compact design, video recording and snapshot, built-in memory chip up to 64GB;
- 384\*288 thermal resolution, NETD less than 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 14h continuous working for lithium battery

## Applications

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

# Specifications



Model	Vidar319
Type	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	1.8X
Digital zoom	1.0-5.0X smooth & rapid zoom
Eye relief	45mm
Exit pupil	6mm
Dioptr	±5D
Aiming Reticle	
Click range, mm @100 m (H/V)	3.6m/3.6m
Reticle	7
Rectile color	Black and white
Display	
Type	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	14h
Environment	
Operating temperature	-20°C—+50°C
IP rating	IP67
Weight, g	556
Dimension, mm	160(L)x60(W)x70(H)
Accessories	
Magnetic cable	Magnetic interface data cable
Other accessories	Standard picatinny rail, eyeshade, etc.

# Accessories



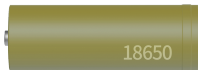
Picatinny rail(X1)



Allen key(X1)



Small allen key(X1)



Lithium battery(X4)



T2.9 Screw(X3)



Eyepiece hood(X1)



Magnetic charging wire(X1)



Charger(X1)



Lens Cloth(X1)



# Dimension

Unit: mm

