ThermTec

Vidar Series
Thermal Imaging

Thermal Imaging scope Vidar635L

Technical Specifications



Download on the App Store

GET IT ON Google Play

ThermTec Technology Co., Ltd.
Email: info@thermeyetec.com
Website: https://www.thermeyetec.com

VIDAR 635L

Key Features

- Compact design, video recording and snapshot, built-in memory chip up to 64GB
- 640*512 thermal resolution, NETD⩽25mk
- Automatic object detection and laser ranging distance measurement up to 1,200m
- More accurate ballistic calculation
- Picture in picture & RAV function
- 1x--5x continuous digital zoom, 2 modes of Rapid and Smooth
- Various pesudo colors and crosshair function
- Polarity reversal for crosshairs, easy battery installation
- 1024*768 resolution with 0.39 inch OLED display
- Up to 10h continuous working for lithium battery

Applications

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

Specifications

Model	Vidar635L
Type	Uncooled
Resolution	640x512
Pixel pitch	12μm
NETD	⩽25mk
Spectral range	8-14μm
Frame rate	50HZ
Optics	
Objective lens	35mm, F1.0
Field of view	12.5°x10.0°
Magnification	1.9X
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	
Type	AMOLED
Resolution	1024x768
Display size	0.39 inch
Color palette	6

Function	
Max. recoil power on rifled weapon	6000J
Mounting brackets on weapon	Standard Picatinny Rail
RAV	Yes
Auto zeroing	Yes
Manual zeroing	Yes
Zeroing profiles	5
Picture-in-picture	Yes
Laser rangefinder	1,200m
Ballistic calculator	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	10h
Environment	
Operating temperature	-20°C—+50°C
IP rating	IP67
Weight, g	631
Dimension, mm	160(L) x 90(W) x 70(H)
Accessories	
Magnetic cable	Magnetic interface data cable
Other accessories	Standard Picatinny Rail, eyeshade and etc.

Accessories



Picatinny rail(X1)



Allen key(X1)



Small allen key(X1)



Lithium battery(X4)



T2.9 Screw(X3)



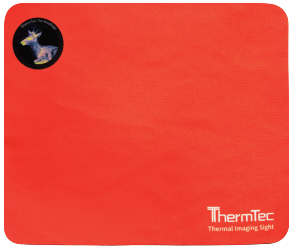
Eyepiece hood(X1)



Magnetic charging wire(X1)



Charger(X1)



Lens Cloth(X1)

Dimension

Unit: mm

