



Vidar Series
Thermal Imaging

**Thermal Imaging scope
Vidar635**

**Technical
Specifications**



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VIDAR 635

Key Features

- Compact design, video recording and snapshot, built-in memory chip up to 64GB
- 640*512 thermal resolution, NETD \leq 25mk
- Automatic object detection and distance measurement
- Picture in picture & RAV function
- 1x--5x continuous digital zoom, 2 modes of Rapid and Smooth
- Various pseudo colors and crosshair function
- Polarity reversal for crosshairs, easy battery installation
- 1024*768 resolution with 0.39 inch OLED display
- Up to 13h continuous working for lithium battery

Applications

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

Specifications



Model		Vidar635
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
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	591
Dimension, mm	160(L) x 60(W) x 70(H)
Accessories	
Magnetic cable	Magnetic interface data cable
Other Accessories	Standard Picatinny Rail, eyeshade and etc.

Accessories



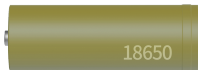
Picatinny rail(X1)



Allen key(X1)



Small allen key(X1)



Lithium battery(X4)



T2.9 Screw(X3)



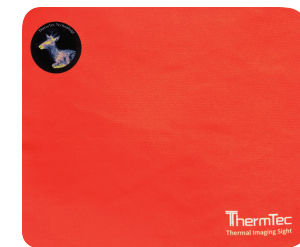
Eyepiece hood(X1)



Magnetic charging wire(X1)



Charger(X1)



Lens Cloth(X1)

Dimension

Unit: mm

