

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≤25mk
- Automatic object detection and distance measurement
- 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 13h continuous working for lithium battery

Applications

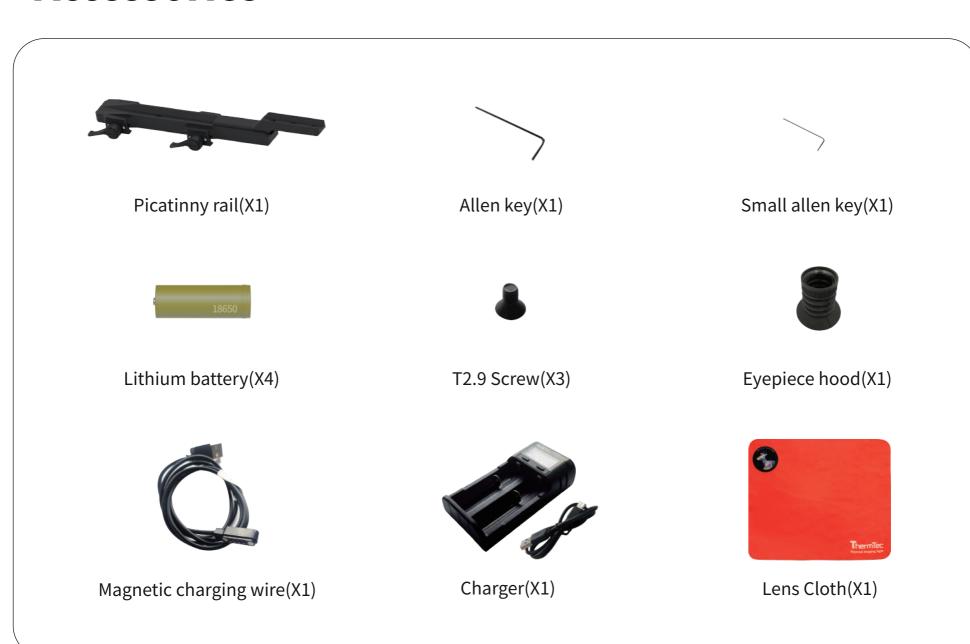
- Night hunting
- Observation
- Rescue operations
- Hiking and traveling

Specifications

Model	Vidar635
Туре	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
Туре	AMOLED
Resolution	1024x768
Display size	0.39 inch
Color palette	6

	Function
Max. recoil power	
on rifled weapon	6000J
Mounting brackets	Cton doud Disations Dail
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	Yes
playback	
Built-in memory	64GB
	Interface
Magnetic interface	Data transfer
Wi-Fi	Yes
	Battery
Replaceable	18650x2
battery	100007/2
Battery reverse	Yes
connection Battery life	14h
Dattery life	Environment
Operating	
temperature	-20°C—+50°C
IP rating	IP67
Weight, g	591
5 5	
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



Dimension

Unit: mm

