

VIDARLRF2. Series **Thermal Imaging**

Thermal Imaging Scope Vidar650L 2.0

Technical Specifications











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VIDAR 650L 2.0

Key Features

- Video recording, and snapshot, built-in memory chip up to 64GB.
- 640*512 thermal resolution, NETD less than 18mK.
- Outstanding distance measuring capacity reaches 1200m.
- Two batteries enter to unprecedented 16-hour.
- A newly added shutter facilitates fast calibration.
- 1x--4x smooth or rapid zooming improves various experiences.
- Offer 5 different reticle colors to meet users' needs for visibility and contrast in various environments.
- Cutting-edge trajectory technology achieves even precise shooting at any distance.
- 1024*768 resolution with 0.39-inch OLED display.
- Picture in picture & RAV function.
- Polarity reversal for crosshairs.
- More APP-based features and extensions.

Applications

- Night hunting
- Observation

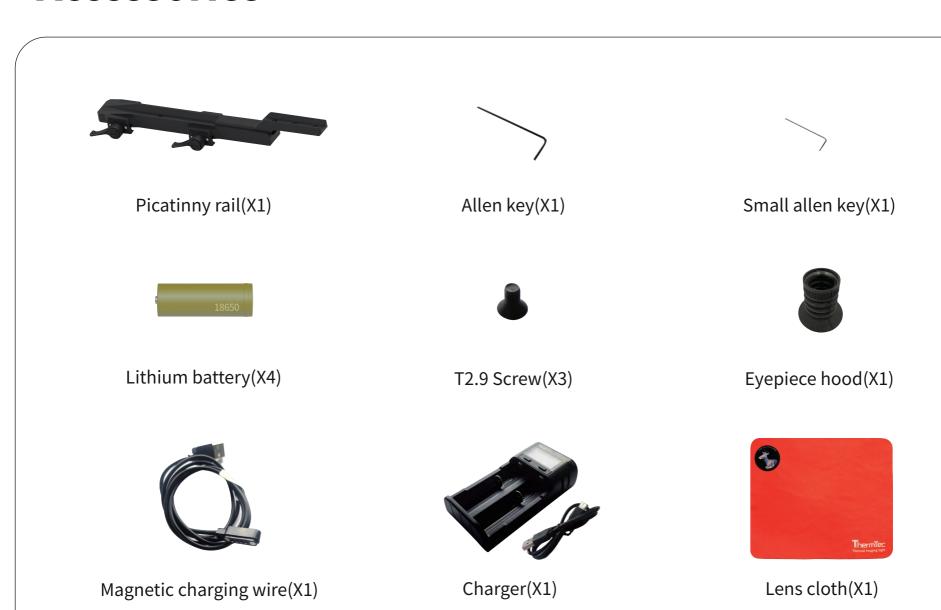
Specifications

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Model	Vidar650L 2.0	
	Microbolometer	
Туре	Uncooled	
Resolution	640x512	
Pixel pitch	12μm	
NETD	≤18mK	
Spectral range	8-14µm	
Frame rate	50HZ	
Detection Range	2600m	
	Optics	
Objective lens	50mm, F1.0	
Field of view	8.8° x 7.0°	
m@100m	15.4x12.3	
Magnification	2.8X	
Digital zoom	1.0-4.0X smooth & rapid zoom	
Eye relief	45mm	
Exit pupil	6mm	
Diopter	±5D	
	Aiming Reticle	
Reticle	7	
Reticle color	5,Black, white, red, green, blue	
	Display	
Туре	AMOLED	
Resolution	1024x768	
Display size	0.39 inch	
Color palette	6	

	Function		
Max. recoil power on	6000J		
rifled weapon	00003		
RAV	Yes		
Audio Recording	Yes		
Auto zeroing	Yes		
Manual zeroing	Yes		
Zeroing profiles	5		
Freeze Zeroing	Yes		
Picture-in-picture	Yes		
Laser ranging	1200m		
Ballistic Calculator	Yes		
Image calibration	Manual/Auto		
Video Recorder			
Phone/video playback	Yes		
Inbuilt memory	64GB		
	Interface		
Magnetic interface	Data transfer		
Hotspot	Yes		
	Battery		
Battery type	Replaceable, 2*18650		
Battery life	16h		
	Environment		
Operating temperature	-20- +50°C		
IP rating	IP67		
Weight, g	687		
Size, mm	200.9*107*72		
	Accessories		
External cable	Magnetic interface data cable		
Other accessory	Standard Picatinny rail, eyeshade,charger and etc.		

Accessories



Dimension

Unit: mm

