

VIDAR 2. Series
Thermal Imaging

Thermal Imaging Scope Vidar660 2.0

**Technical Specifications** 











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# **VIDAR 660 2.0**

#### **Key Features**

- Video recording, and snapshot, built-in memory chip up to 64GB.
- 640\*512 thermal resolution, NETD less than 20mK.
- Two batteries enter to unprecedented 16-hour.
- New dual FOV switching mechanism for easy operation.
- 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.
- 20/60mm Lens, Dual Field of View

### **Applications**

- Night hunting
- Observation

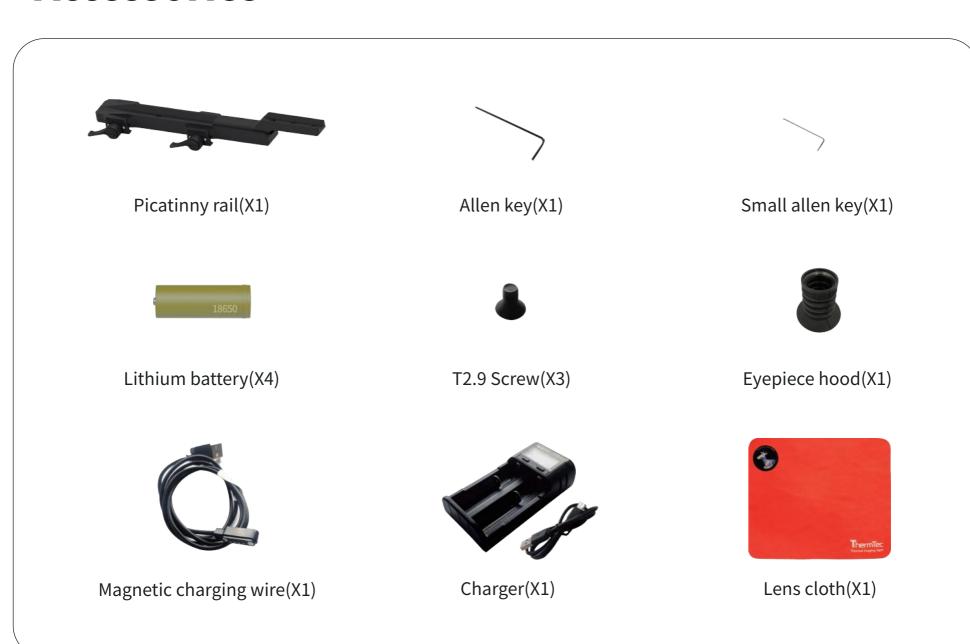
# Specifications

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Model	Vidar660 2.0			
Microbolometer				
Туре	Uncooled			
Resolution	640x512			
Pixel pitch	12μm			
NETD	≤20mK			
Spectral range	8-14μm			
Frame rate	50HZ			
Detection Range	1000/3000m			
	Optics			
Objective lens	20/60mm, F1.0			
Field of view	21.7°x17.4°/ 7.3°x5.9°			
m@100m	38.4x30.7/12.8x10.2			
Magnification	1.1X/3.2X			
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			
Type	AMOLED			
Resolution	1024x768			
Display size	0.39 inch			
Color palette	6			

	Function			
Max. recoil power on rifled weapon	6000J			
RAV	Yes			
Audio Recording	Yes			
Auto zeroing	Yes			
Manual zeroing	Yes			
Zeroing profiles	5			
Freeze Zeroing	Yes			
Picture-in-picture	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	825			
Size, mm	233.2*100.4*74.9			
	Accessories			
External cable	Magnetic interface data cable			
Other accessory	Standard Picatinny rail, eyeshade,charger and etc.			

### **Accessories**



## **Dimension**

Unit: mm

