

VIDAR 2.0 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

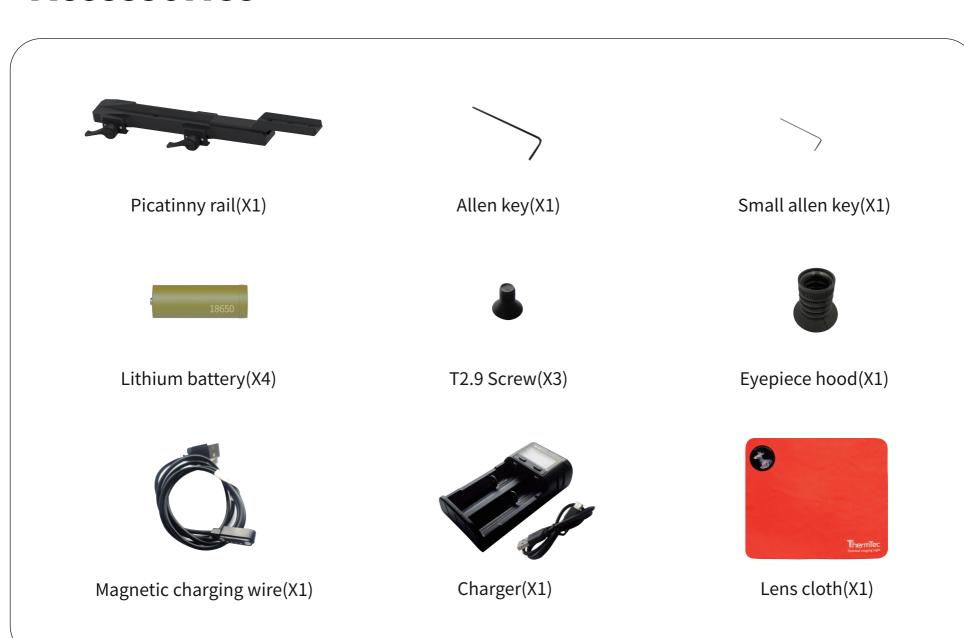
Specifications

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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		
Туре	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

