



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



Model		Vidar660 2.0
Microbolometer		
Type	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	
Dioptr	±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



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

