



VIDAR Series

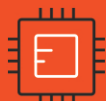
Thermal Imaging Scope

D-FOV | NETD \leq 25mK | Laser Rangefinder

Taking You to Explore the Nature



Dual-Field of View



Highly Sensitive Detector



Non-Shutter Correction
Technology



Lightweight & Compact Size



Laser Rangefinder with
Ballistic Calculator



Automatic Zeroing



Recoil Activated Video



Long Detection Range



■ Dual-Field of View

A wide FOV with a focal length of 20mm can be used for detection;

A narrow FOV with a focal length of 60mm can be used for identification.



20mm \rightleftharpoons 60mm FOV@100m

■ Highly Sensitive Detector

Thermal imaging sensor with NETD $\leq 25\text{mK}$ and $12\mu\text{m}$ detector ensures perfect detail recognition.



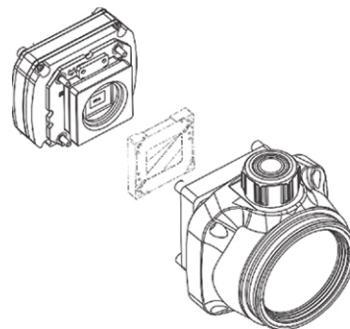
NETD $\leq 25\text{mK}$



NETD $\leq 40\text{mK}$

■ Non-Shutter Correction Technology

Invisible, background calibration means the screen will never freeze and there is no noisy shutter to alert your quarry.



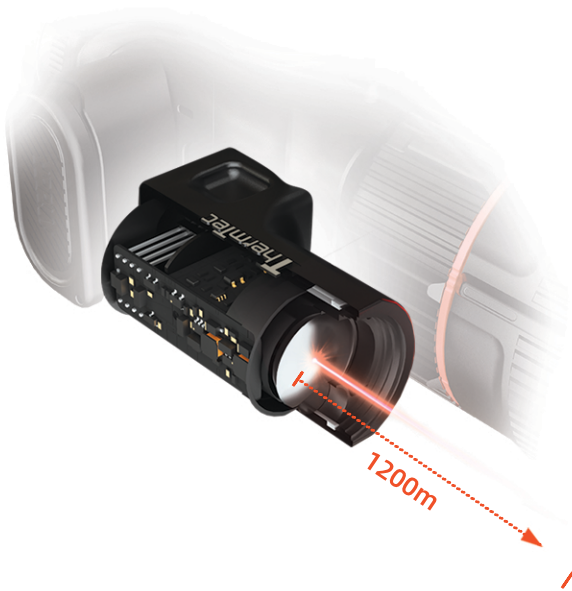
■ **Lightweight & Compact Size**

The compact dimension makes it a light and handy companion wherever you go.



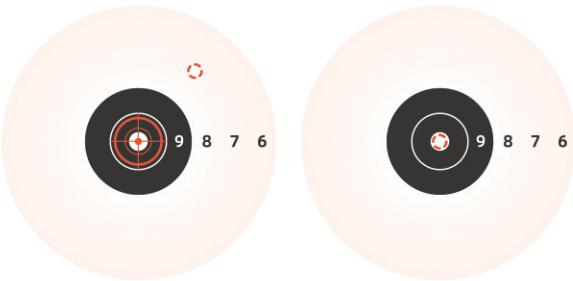
■ **Laser Rangefinder with Ballistic Calculator**

The laser rangefinder with ballistic calculator realize a long range targets measurement and an accurate shooting.



■ **Automatic Zeroing**

The automatic zeroing function makes it smart to adjust the reticle and take a shot.



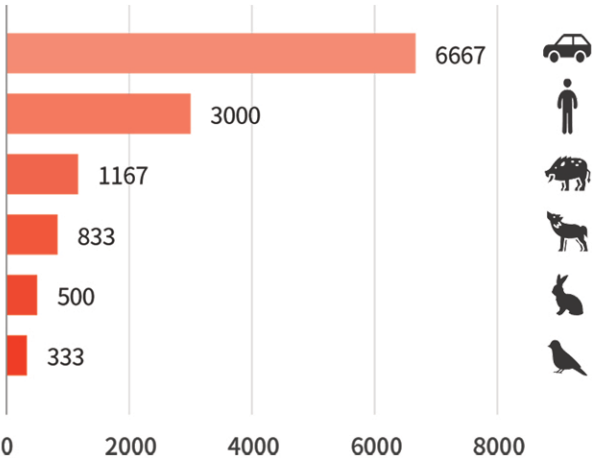
■ **Recoil Activated Video (RAV)**

With RAV, it records videos of before, during, and after your shot, and captures the footage of your hunting moments.



■ **Long Detection Range**

Maximum 60mm objective lens and advanced algorithm, boast exceptional detection range of up to 6,667 meters in complete darkness.



Specifications - Vidar 3/6

Model	Vidar335	Vidar350	Vidar360	Vidar635	Vidar650	Vidar660
Microbolometer						
Type	Uncooled					
Resolution	384x288			640x512		
Pixel pitch	12µm					
NETD	≤25mk					
Frame rate	50HZ					
Optics						
Objective lens	35mm, F1.0	50mm, F1.0	20/60mm, F1.0	35mm, F1.0	50mm, F1.0	20/60mm, F1.0
Field of view	7.5°x5.6°	5.3°x4.0°	13.1°x9.8°/4.4°x3.3°	12.5°x10.0°	8.8°x7.0°	21.7°x17.4°/7.3°x5.9°
Magnification	3.2X	4.6X	1.8X/5.5X	1.9X	2.7X	1.1X/3.2X
Digital zoom	1.0-5.0X smooth & rapid zoom					
Eye relief	45mm					
Exit pupil	6mm					
Diopter	±5D					
Aiming Reticle						
Click range, m @100 m (H/V)	3.6m/3.6m					
Reticle	7					
Display						
Type	1024x768 AMOLED					
Display size	0.39 inch					
Function						
Max. recoil power on rifled weapon	6,000J					
Mounting brackets 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 playback	Yes					
Built-in memory	64GB					
Interface						
Magnetic interface	Data transfer					
Wi-Fi	Yes					
Battery						
Replaceable battery	18650x2					
Battery life	14h			13h		
Environment						
Operating temperature	-20°C ~ +50°C					
IP rating	IP67					
Weight, g	591	646	880	591	646	880
Dimension, mm	160x60x70	204x72x91	220x84x87	160x60x70	204x72x91	220x84x87

Specifications - Vidar 3L/6L

Model	Vidar335L	Vidar350L	Vidar360L	Vidar635L	Vidar650L	Vidar660L
Microbolometer						
Type	Uncooled					
Resolution	384x288			640x512		
Pixel pitch	12µm					
NETD	≤25mk					
Frame rate	50HZ					
Optics						
Objective lens	35mm, F1.0	50mm, F1.0	20/60mm, F1.0	35mm, F1.0	50mm, F1.0	20/60mm, F1.0
Field of view	7.5°x5.6°	5.3°x4.0°	13.1°x9.8°/ 4.4°x3.3°	12.5°x10.0°	8.8°x7.0°	21.7°x17.4°/ 7.3°x5.9°
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Digital zoom	1.0-5.0X smooth & rapid zoom					
Eye relief	45mm					
Exit pupil	6mm					
Diopter	±5D					
Aiming Reticle						
Click range, m @100 m (H/V)	3.6m/3.6m					
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Image calibration	Via lens cover					
Video Recorder						
Photo/video playback	Yes					
Built-in memory	64GB					
Interface						
Magnetic interface	Data transfer					
Wi-Fi	Yes					
Battery						
Replaceable battery	18650x2					
Battery life	14h			13h		
Environment						
Operating temperature	-20°C ~ +50°C					
IP rating	IP67					
Weight, g	631	686	920	631	686	920
Dimension, mm	160x90x70	204x72x102	220x100x87	160x90x70	204x72x102	220x100x87



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