

# ThermTec

Ares LRF Series  
Thermal Imaging

## Thermal Imaging Scope Ares660L

## Technical Specifications



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# Ares 660L

## Key Features

- Support video recording and snapshot, built-in memory chip up to 16GB;
- Excellent VOx 12 $\mu$ m detector, 640\*512 thermal resolution, NETD $\leq$ 25mk;
- Built-in laser rangefinder, accurately measure the distance up to 1,000m;
- Picture in picture & RAV function;
- 1x - 5x continuous digital zoom;
- Various pseudo colors and crosshair function;
- Polarity reversal for crosshairs, easy battery installation;
- 1024\*768 resolution with 0.39 inch OLED display;
- Up to 12h continuous working for lithium battery;
- Support easy shift of dual-field of view: Focal length 20/60mm;
- Support ballistic calculator function so as to never lose target.

## Applications

- Night hunting
- Patrolling
- Rescue operations
- Observation

# Specifications



Model	ARES660L
Type	Uncooled
Resolution	640x512
Pixel pitch	12μm
NETD	≤25mk
Spectral range	8-14μm
Frame rate	50HZ
Optics	
Objective lens	20/60mm, F1.0
Field of view	21.7°x17.4°/ 7.3°x5.9°
Magnification	1.1X/3.2X
Digital zoom	1.0-5.0X smooth & rapid zoom
Eye relief	50mm
Exit pupil	6mm
Diopter	±5D
Aiming Reticle	
Click range, mm @100 m (H/V)	3.6m/3.6m
Reticle	7
Reticle color	Black and white
Display	
Type	AMOLED
Resolution	1024x768
Display size	0.39 inch
Color palette	6

Function		
Max. recoil power on rifled weapon	6,000J	
Mounting brackets on weapon	Standard 30mm rings	
RAV	Yes	
Auto zeroing	Yes	
Manual zeroing	Yes	
Zeroing profiles	5	
Picture-in-picture	Yes	
Laser ranging	1,000m	
Image calibration	Via lens cover	
Video Recorder		
Photo/video playback	Yes	
Built-in memory	16GB	
Interface		
Type C	Data transfer	
Wi-Fi	Yes	
Battery		
Battery type	Replaceable, 18650 or 18500 battery	
Built-in Battery	5000mAh, rechargeable	
Battery life	12h	11h
Environment		
Operating temperature	-20- +50°C	
IP rating	IP67	
Weight, g	1,250	
Dimension, mm	438(L)x84(W)x105(H)	
Accessories		
External cable	USB data cable	
Other accessories	2x standard 30mm rings, eyeshade and etc.	

# Accessories



Scope (x1)



18650 battery cap (x1)



USB cable (x1)



Eyeshade (x1)



18500 battery cap (x1)



30mm tube clip (x2)



Lithium battery (x2)



Charger(X1)



Lens cloth (x1)

# Dimension

Unit: mm

