



Ares LRF Series
Thermal Imaging

Thermal Imaging Scope Ares635L

Technical Specifications



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Ares 635L

Key Features

- Support video recording and snapshot, built-in memory chip up to 16GB;
- Excellent VOx 12μm detector, 640*512 thermal resolution, NETD≤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 11h continuous working for lithium battery;
- Support ballistic calculator function so as to never lose target.

Applications

- Night hunting
- Patrolling
- Rescue operations
- Observation

Specifications



Model		ARES635L	
Type	Uncooled		
Resolution	640x512		
Pixel pitch	12μm		
NETD	≤25mk		
Spectral range	8-14μm		
Frame rate	50HZ		
Optics			
Objective lens	35mm, F1.0		
Field of view	12.5°x10.0°		
Magnification	1.9X		
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	11h
Environment	
Operating temperature	-20- +50°C
IP rating	IP67
Weight, g	900
Dimension, mm	397(L)x79(W)x94(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

