

Thermal Tube Scope Ares650L 2.0 Technical Specifications **ARES**LRF **2.0** Series Thermal Imaging

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# Ares650L 2.0

#### **Key Features**

- 640\*512 thermal resolution, NETD≤18mK;
- 5 colors and 7 reticle choices for reticle options;
- Freeze and zoom of zeroing improve shooting accuracy.;
- Built-in laser rangefinder, accurately measure the distance up to 1,000m;
- Self-learning image calibration;
- Ultra-long battery life reaches to 16hrs;
- 5 zeroing profiles meet various needs;
- RAV function allows recording every terrific shot;
- Rotary knob design;
- Support video recording and snapshot, built-in memory chip up to 64GB;

### Applications

- Night hunting
- Observation

## Specifications

Model	ARES650L 2.0	
Microbolometer		
Туре	Uncooled	
Resolution	640x512	
Pixel pitch	12µm	
NETD	≤18mK	
Spectral range	8-14µm	
Frame rate	50HZ	
Detection Range	2600m	
	Optics	
Objective lens	50mm, F1.0	
Field of view	8.8° x 7.0°	
m@100m	15.4x12.3	
Magnification	2.8X	
Digital zoom	1.0-4.0X smooth & rapid zoom	
Eye relief	50mm	
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	

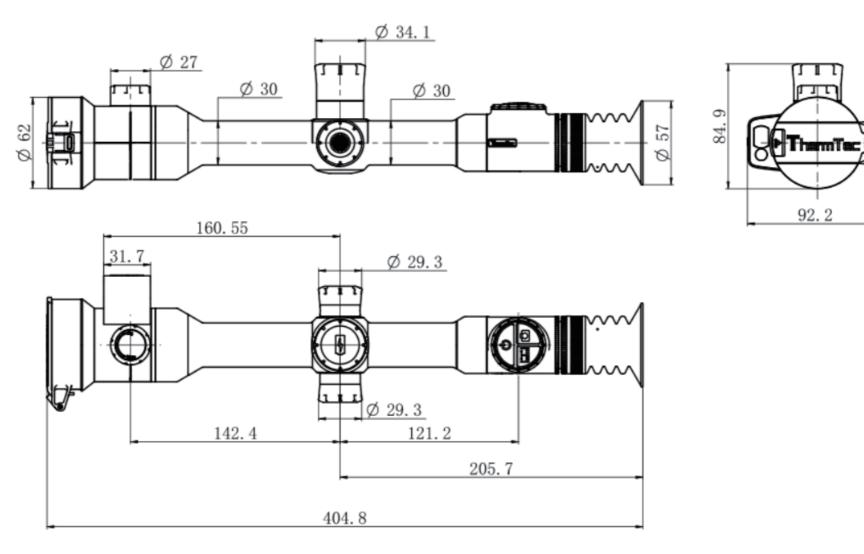
	Function
Max. recoil power on rifled weapon	6000J
Mounting brackets on weapon	Standard 30mm rings
RAV	Yes
Audio Recording	Yes
Auto zeroing	Yes
Manual zeroing	Yes
Zeroing profiles	5
Freeze Zeroing	Yes
Picture-in-picture	Yes
Laser ranging	1.8mrad@1000m
Ballistic Calculator	Yes
Image calibration	Manual/Auto
	Video Recorder
Phone/video playback	Yes
Inbuilt memory	64GB
	Interface
Туре С	Data transfer
Hotspot	Yes
	Battery
Battery type	Replaceable, 1*18650 or 18500 battery,1*18650 inbuilt battery
Battery reverse connection	Yes
Battery life	16h
	Environment
Operating temperature	-20- +50°C
IP rating	IP67
Weight, g	918
Size, mm	404.8*92.2*84.9
	Accessories
External cable	USB data cable
Other accessory	2x standard 30mm rings, eyeshade and etc.

## Accessories



## Dimension

#### Unit: mm



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