



**ARES2.0** Series  
Thermal Imaging

## Thermal Tube Scope Ares660 2.0

## Technical Specifications



ThermTec Technology Co., Ltd.  
Email: [info@thermeyerotec.com](mailto:info@thermeyerotec.com)  
Website: <https://www.thermeyerotec.com>

# Ares660 2.0

## Key Features

- 640\*512 thermal resolution, NETD $\leq$ 20mK;
- 20/60mm Lens, Dual Field of View;
- 5 colors and 7 reticle choices for reticle options;
- Freeze and zoom of zeroing improve shooting accuracy.;
- Automatic object detection and distance measurement;
- 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;

## Applications

- Night hunting
- Observation

# Specifications



Model	ARES660 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	50mm
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
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
AI ranging	Yes
Image calibration	Manual/Auto
Video Recorder	
Phone/video playback	Yes
Inbuilt memory	64GB
Interface	
Type C	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	1072
Size, mm	435.7*89.5*92.9
Accessories	
External cable	USB data cable
Other accessory	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

