



Ares Series Thermal Imaging Scope

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ThermTec

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01 Thermal Imaging Scope

The combination of cutting-edge design and the latest technology in the field of thermal imaging scope.



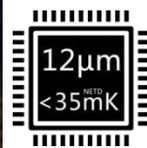
See live views from the scope on your smart phone via “Smart Thermal” APP.

Download and install the “Smart Thermal” APP:



02

Thermal Imaging Scope



Perfect Detail Recognition

- Thermal imaging sensor with NETD <35mK and 12µm detector ensure perfect detail recognition.



Non-Uniformity Correction Technology

- Designed with NUC technology, it supports consistent view for shooting, making it more reliable as no shutter is locked during shooting with minimized noise.



1024 AMOLED Display

- AMOLED display ensures sharp, richly contrasted thermal imaging.



F/1.0 Germanium Optics

- Fast-aperture germanium optics ensure optimal heat energy transmissivity.



Shooting Record

- Support recording while shooting



Two Way Wi-Fi Connection

- Support both Wi-Fi and hotspot connections
- Real-time image transmission



High Degree of Protection

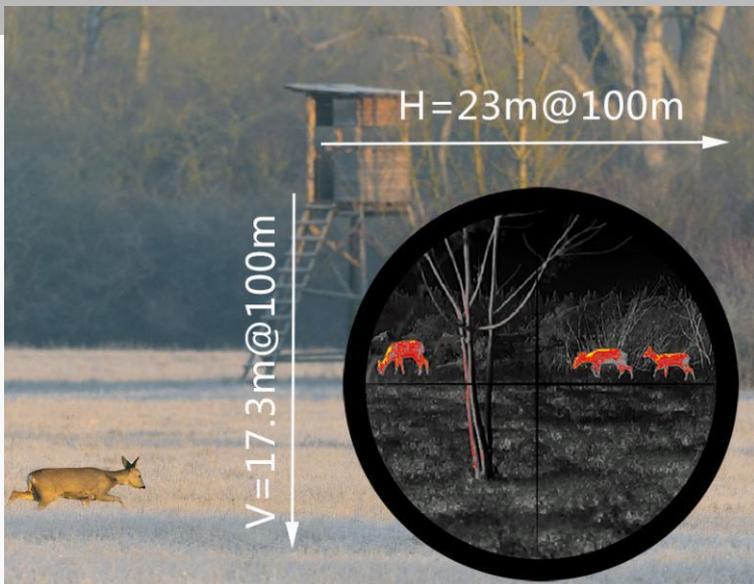
- IP67 water-proof, dust-proof and fog-proof

03 Thermal Imaging Scope

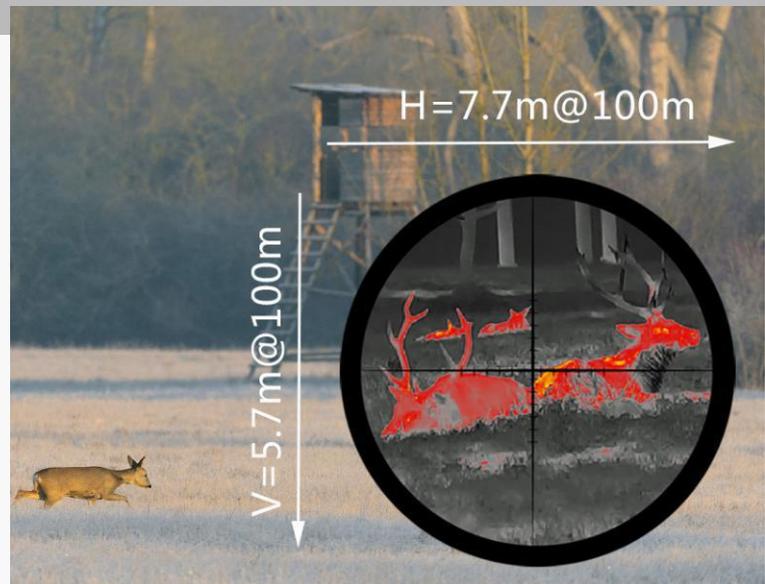


Dual-Field of View with 3x Optical Zoom

- ◆ A wide FOV with a focal length of 20mm can be used for observation
- ◆ A narrow FOV with a focal length of 60mm can be used for aiming



Wide field of view
Focus length 20mm/F#1.0



Narrow field of view
Focus length 60mm/F#1.0

04 Thermal Imaging Scope

Automatic Zeroing - Zero in One Shot

1. Take a shot
2. Adjust the reticle automatically
3. Got the aim

First Shot



Adjusted and Got the Aim



Zeroing Profiles Management

- ◆ 5 zeroing profiles
- ◆ 2 modes: automatic zeroing and manual zeroing



05 Thermal Imaging Scope

Picture-in-Picture

- ◆ Aligned crosshairs
- ◆ ½ mil FFP reticle when zooming



Wide Array of Reticle Options

- ◆ 7 different thermal optimized reticles
- ◆ 5 brightness options
- ◆ 2 color options



06 Thermal Imaging Scope

Automatic Object Detection

- ◆ Hunting with tripod, you will never miss an object entering your shooting area when you enjoy the rest beside.



AI Rangefinder

- ◆ Based on deep learning algorithm, the object distance can be measured automatically by the scope.

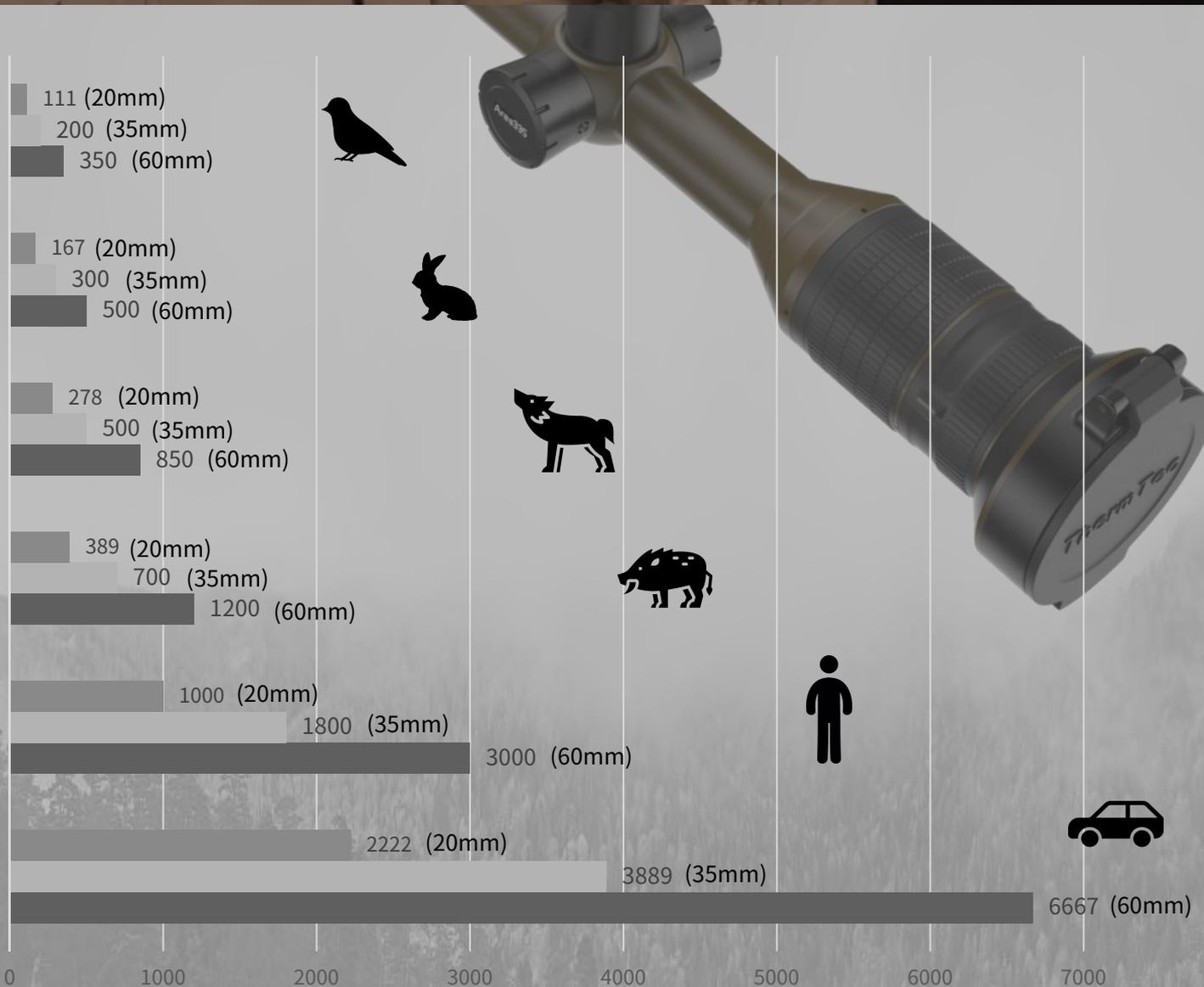


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Thermal Imaging Scope

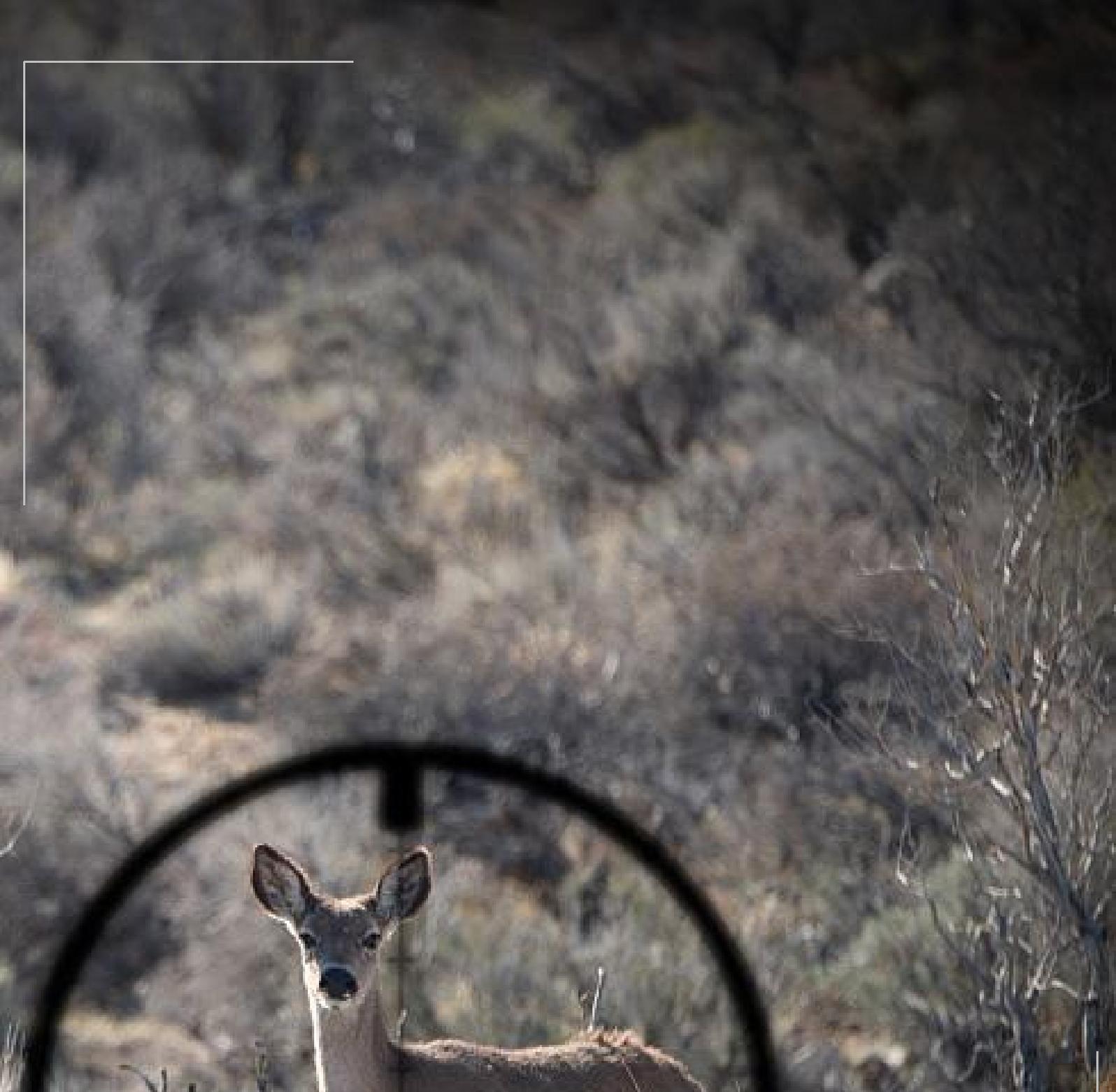
Long Detection Range

- ◆ With up to 60mm objective lens and advanced thermal imaging hardware, It boasts exceptional detection range of up to 6,667 meters in complete darkness.



Specifications

Model	ARES 335	ARES 360	ARES 635	ARES 660
Microbolometer				
Type	Uncooled			
Resolution, pixel	384x288/12μm		640x512/12μm	
Spectral	8-14μm			
NETD	≤35mk			
Frame rate	50HZ			
Optical Specifications				
Objective lens	35mm, F/1.0	20mm/60mm, F/1.0	35mm, F/1.0	20mm/60mm, F/1.0
Field of view	7.5°x5.6°	13.1°x9.8°/ 4.4°x3.3°	12.5°x10.0°	21.7°x17.4°/ 7.3°x5.9°
Magnification	3.2X	1.8X/5.5X	1.9X	1.1X/3.2X
Digital Zoom	1 - 5X continuous zoom			
Eye relief	50mm			
Exit pupil	6mm			
Diopter	-5 ~ +5			
Aiming Reticle				
Click range, mm @100 m (H/V)	3,600mm/3,600mm			
Reticle	7			
Reticle color	Black and white			
Display				
Type	AMOLED			
Resolution, pixel	1024x768			
Display size	0.39 inch			
Color palette	6			
Operational Characteristics				
Max. recoil power on rifled weapon	850 Gs			
Mounting brackets on weapon	Standard 30mm rings			
Shooting record	Support			
Auto zeroing	Support			
Manual zeroing	Support			
Zeroing Profiles	5			
Picture-in-picture	Support			
Wi-Fi	Support			
AI ranging	Support			
Image calibration	By lens cover			
USB interface	Type-C			
Video Recorder				
Photo/video playback	Support			
Memory card	16G			
Battery				
Replaceable battery	18650 battery or 18500 battery			
Battery reverse connection	Support			
Battery life	6H			
Environmental Characteristics				
Operating temperature	-20- +50°C			
IP grade	IP67			



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