



ARES Series
Thermal Imaging

Thermal Imaging Scope Ares635

Technical Specifications



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Ares 635

Key Features

- 640*512 thermal resolution, NETD \leq 35mk;
- Automatic object detection and distance measurement;
- Picture in picture function;
- 1x--5x continuous digital zoom;
- Various pseudo colors;
- Rotary knob design;
- 1024*768 resolution with 0.39 inch OLED display;
- Up to 6h continuous working for lithium battery;
- Two options of zeroing improve shooting accuracy.

Applications

- Night hunting
- Observation
- Rescue operations
- Hiking and traveling

Specifications



Model		Ares635
Type	Uncooled	
Resolution	640x512	
Pixel pitch	12μm	
NETD	≤35mk	
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	
Display		
Type	AMOLED	
Resolution	1024x768	
Display size	0.39 inch	
Color palette	6	
Aiming Reticle		
Click range, m @100 m (H/V)	3.6m/3.6m	
Reticle	7	
Reticle color	Black and white	

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
AI ranging	Yes
Image calibration	Via lens cover
Video Recorder	
Phone/video playback	Yes
Built-in memory	16GB
Interface	
Type C	Data transfer
Wi-Fi	Yes
Battery	
Battery type	Replaceable, 18650 or 18500 battery
Battery reverse connection	Yes
Battery life	6h
Environment	
Operating temperature	-20- +50°C
IP rating	IP67
Weight, g	797
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)



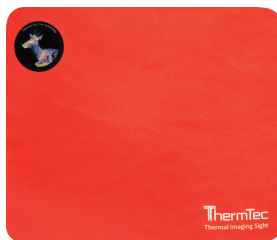
Eyeshade (x1)



18500 battery cap (x1)



30mm tube clip (x2)



Lens cloth (x1)

Dimension

Unit: mm

