ThermTec

Thermal Imaging Scope
Ares660

Technical Specifications

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Ares 660

Key Features

- 640*512 thermal resolution, NETD≤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;

- Freeze and zoom of zeroing improve shooting accuracy.

Applications

- Night hunting

- Observation

- Rescue operations

- Hiking and traveling

Specifications

Model	Ares660
Type	Uncooled
Resolution	640x512
Pixel pitch	12μm
NETD	≤35mk
Spectral range	8-14μm
Frame rate	50HZ

Optics	
Objective lens	20/60mm, F1.0
Field of view	21.7°x17.4°/ 7.3°x5.9°
Magnification	1.1X/3.2X
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	1,142
Dimension, mm	438(L)x84(W)x105(H)

Accessories	
External cable	USB data cable
Other accessories	2x standard 30mm rings, eyeshade and etc.

Accessories

Scope (x1)
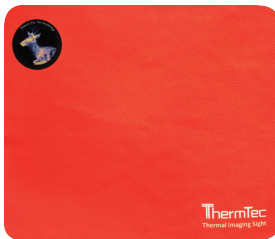
18650 battery cap (x1)

USB cable (x1)

Eyeshade (x1)

18500 battery cap (x1)

30mm tube clip (x2)

Lens cloth (x1)

Dimension

Unit: mm