



Ares LRF Series
Thermal Imaging

Thermal Imaging Scope Ares660L

Technical Specifications



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Ares 660L

Key Features

- Support video recording and snapshot, built-in memory chip up to 16GB;
- Excellent VOx 12μm detector, 640*512 thermal resolution, NETD≤25mk;
- Built-in laser rangefinder, accurately measure the distance up to 1,000m;
- Picture in picture & RAV function;
- 1x - 5x continuous digital zoom;
- Various pseudo colors and crosshair function;
- Polarity reversal for crosshairs, easy battery installation;
- 1024*768 resolution with 0.39 inch OLED display;
- Up to 12h continuous working for lithium battery;
- Support easy shift of dual-field of view: Focal length 20/60mm;

Applications

- Night hunting
- Patrolling
- Rescue operations
- Observation

Specifications



| Model | ARES660L |
|-----------------------------|------------------------------|
| Type | Uncooled |
| Resolution | 640x512 |
| Pixel pitch | 12μm |
| NETD | ≤25mk |
| 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 |
| Aiming Reticle | |
| Click range, m @100 m (H/V) | 3.6m/3.6m |
| Reticle | 7 |
| Reticle color | Black and white |
| Display | |
| Type | AMOLED |
| Resolution | 1024x768 |
| Display size | 0.39 inch |
| Color palette | 6 |

| 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 | |
| Laser ranging | 1,000m | |
| Image calibration | Via lens cover | |
| Video Recorder | | |
| Photo/video playback | Yes | |
| Built-in memory | 16GB | |
| Interface | | |
| Type C | Data transfer | |
| Wi-Fi | Yes | |
| Battery | | |
| Battery type | Replaceable, 18650 or 18500 battery | |
| Built-in Battery | 5000mAh, rechargeable | |
| Battery life | 12h | 11h |
| Environment | | |
| Operating temperature | -20- +50°C | |
| IP rating | IP67 | |
| Weight, g | 1,250 | |
| 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)



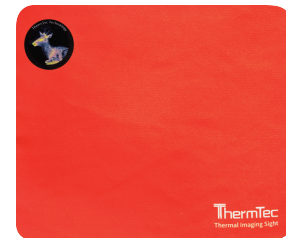
30mm tube clip (x2)



Lithium battery (x2)



Charger(X1)



Lens cloth (x1)

Dimension

Unit: mm

