



**ARES 2.0** Series  
Thermal Imaging

## Thermal Tube Scope Ares335 2.0

## Technical Specifications



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



# Ares335 2.0

## Key Features

- 384\*288 thermal resolution, NETD $\leq$ 18mK;
- 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 18hrs;
- 5 zeroing profiles meet various needs;
- RAV function allows recording every terrific shot;
- Rotary knob design;

## Applications

- Night hunting
- Observation

# Specifications



| Model           | ARES335 2.0                       |
|-----------------|-----------------------------------|
| Microbolometer  |                                   |
| Type            | Uncooled                          |
| Resolution      | 384x288                           |
| Pixel pitch     | 12μm                              |
| NETD            | ≤18mK                             |
| Spectral range  | 8-14μm                            |
| Frame rate      | 50HZ                              |
| Detection Range | 1800m                             |
| Optics          |                                   |
| Objective lens  | 35mm, F1.0                        |
| Field of view   | 7.5°x5.6°                         |
| m@100m          | 13.2x9.9                          |
| Magnification   | 3.2X                              |
| Digital zoom    | 1.0-4.0X smooth & rapid zoom      |
| Eye relief      | 50mm                              |
| Exit pupil      | 6mm                               |
| Diopter         | ±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                       | 18h                                                            |
| Environment                        |                                                                |
| Operating temperature              | -20- +50°C                                                     |
| IP rating                          | IP67                                                           |
| Weight, g                          | 814                                                            |
| Size, mm                           | 391.8*80.7*82.2                                                |
| 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

