

# A50E

## Digital Day & Night Vision Scope



HIKMICRO ALPEX 4K A50E Digital Day & Night Vision Scope can perform in all ambient light that is present. It has an advanced  $3840 \times 2160$  FHD detector, 50 mm lens, and  $1920 \times 1080$  0.49" sub-round OLED display, providing full-color clarity in daytime and classic black & white viewing at night. The traditional-style 30 mm tube design meets the needs of professional hunters who value traditions and seek technological superiority. The scope is suitable for both field and forest hunting.

### Key Feature

- $3840 \times 2160$  resolution CMOS detector
- 50 mm lens with F1.2 to 2.5 adjustable aperture
- $1920 \times 1080$  resolution 0.49-inch sub-round OLED display
- Supports Day/Night mode
- Supports recoil-activation recording with audio, built-in EMMC (64 GB)
- Up to 11 hours of continuous operation
- Replaceable and rechargeable battery

# Specification

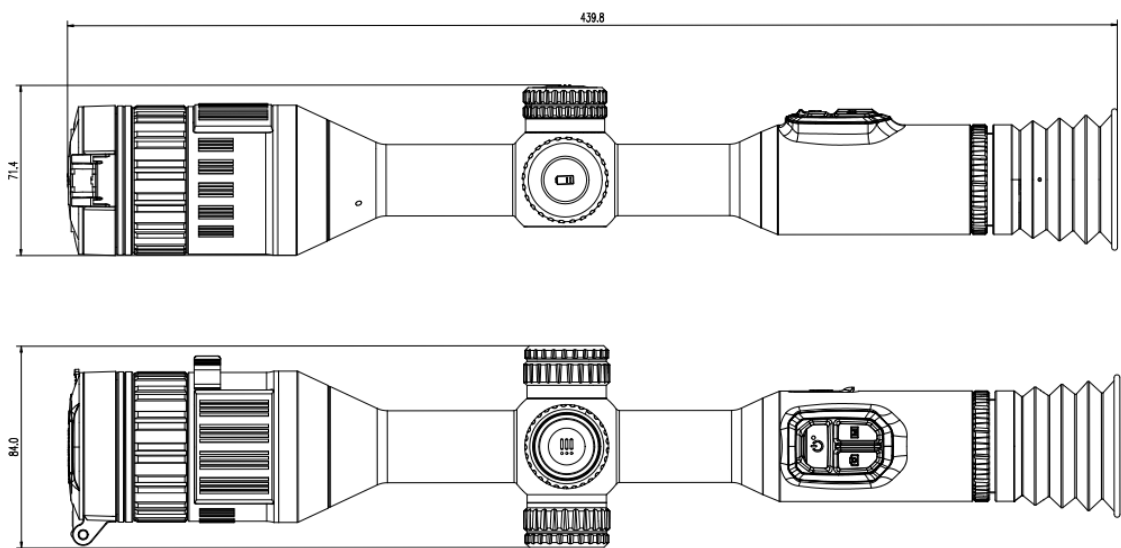
| Main                        |                                                                                                          |
|-----------------------------|----------------------------------------------------------------------------------------------------------|
| Max. Resolution             | 3840 × 2160                                                                                              |
| Frame Rate                  | 50 Hz                                                                                                    |
| Lens (Focal Length)         | 50 mm, F1.2 to 2.5 Adjustable Aperture                                                                   |
| Detection Range             | Day: 1000 m                                                                                              |
| Min. Focusing Distance      | 10 m                                                                                                     |
| Magnification               | 3.5x to 28.0x (8x)<br>Support Continuous Zooming                                                         |
| Field of View               | 8.8° × 5.0°/15.3 m × 8.6 m @100 m                                                                        |
| Image Display               |                                                                                                          |
| Display                     | 1920 × 1080, 0.49 inch, OLED                                                                             |
| Image Mode                  | Day, Night                                                                                               |
| Exit Pupil                  | 6 mm                                                                                                     |
| Eye Relief                  | 55 mm                                                                                                    |
| Diopter (Range)             | -5 D to 5 D                                                                                              |
| System                      |                                                                                                          |
| Record Video                | On-board Video Recording                                                                                 |
| Record Video Resolution     | 1920 × 1080                                                                                              |
| Capture Snapshot            | Yes                                                                                                      |
| Audio Recording             | Yes                                                                                                      |
| Recoil-activation Recording | Yes                                                                                                      |
| Standby Mode                | Yes                                                                                                      |
| Storage                     | Built-in EMMC (64 GB)                                                                                    |
| PIP                         | Yes                                                                                                      |
| Freeze Zeroing              | Yes                                                                                                      |
| Distance Measurement        | NA                                                                                                       |
| Zeroing Profiles            | 5                                                                                                        |
| Max. Recoil                 | 1000 g/0.4 ms                                                                                            |
| Hotspot                     | Yes                                                                                                      |
| Ballistic Calculation       | NA                                                                                                       |
| Power Supply                |                                                                                                          |
| Battery Type                | Two Rechargeable Lithium Batteries (Internal), One Replaceable and Rechargeable 18650 Battery (External) |
| Battery Operating Time      | 11 hours of Continuous Running (@25°C, Hotspot off)                                                      |
| Power Supply                | 5 VDC/2 A, USB Type-C Interface                                                                          |
| General                     |                                                                                                          |
| Mounting                    | Standard 30 mm                                                                                           |
| Protection Level            | IP67                                                                                                     |

|                          |                                 |
|--------------------------|---------------------------------|
| Working Temperature      | -30°C to 55°C (-22°F to 131°F)  |
| Dimension                | 439.8 mm × 71.4 mm × 84.0 mm    |
| Weight                   | 1080 g without External Battery |
| <b>Laser Rangefinder</b> |                                 |
| Safety Class for Laser   | NA                              |
| Wavelength               | NA                              |
| Max. Measuring Range     | NA                              |
| Measurement Accuracy     | NA                              |
| Min. Measuring Range     | NA                              |

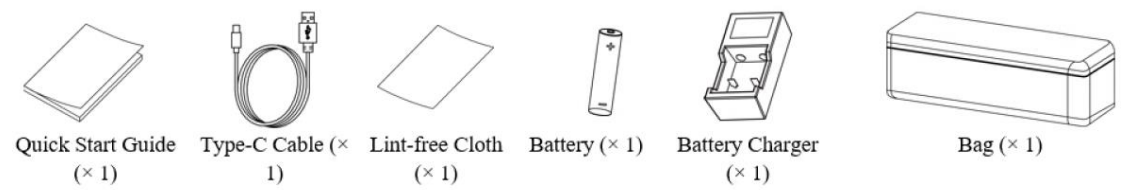
## ▪ Available Model

HM-TR3F-50S2/WV-A50E

## ▪ Dimension



## ▪ Accessories





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