

AresX™ Infrared Thermal Imaging

Large-Caliber Infrared Thermal Imaging Sight



AresX™ Large-caliber infrared thermal imaging sight with 640×480 non-cooled polysilicon detector, the product is compact and easy to carry. It can be used as sight for a variety of light weapons and for handheld observation for detection and target search at night.

It is particularly suitable for discovering and aiming at hidden or active targets at night. The universal interface makes it compatible with a variety of light weapons.

SPECIFICATION

| MODEL | CT-H3S | |
|---------------------------|--------------------------|---|
| Operating Distance | Observing Distance | 1000m (1.7m person) |
| | | 1300m (2.3m vehicle) |
| Detector | Detector Type | Uncooled focal plane array |
| | Resolution | 640×480 |
| | Pixel Size | 17 μm |
| | NETD | ≤ 55mk |
| | Wavelength Band | 8-14 μm |
| Infrared Lens | Focal Length | 75 mm |
| | Field Angle | 8° × 10° |
| | F Value | 1.0 |
| | Range of Focus | 8m ~ ∞ |
| Ocular Lens | Distance of Exit Pupil | 45 mm |
| | Diopter Adjustment | ± 5SD |
| | Amplification Factor | 10x |
| Image | Nonuniformity Correction | No block technology, continuous video output |
| | Video Output | PAL |
| | Image Polarity | Black hot/White hot/Brown, High temperature red |
| | Frame Frequency | ≥ 50 Hz |
| | Digital Zoom | x2, x4 |
| | Brightness/Contrast | Adjustable |

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| MODEL | CT-H3 | |
|---------------------------------|-----------------------|---|
| Imagine | Monitor | OLED |
| | Division Line | Crosshair adjustable in a number of modes |
| Power Supply | Battery | 3.7V lithium battery |
| | Battery Protection | Yes |
| | Working Hours | ≥ 7 hrs |
| Physical Characteristics | Weight | ≤ 950g |
| | Operating Temperature | -40°C ~ 60°C |
| | Storage Temperature | -45°C ~ 65°C |
| | Protection Class | IP67 |
| | Size | 229 * 69 * 89mm |