



Model	MAH50R
Thermal Sensor	640*512@12μm
NETD, mK	≤18
Objective Lens, mm	50 F1.1
Field of View (HxV), °	8.8x7.0
Magnification, x	1.0-4.0
Detection Range, m(Target size: 1.7m×0.5m, P(n)=99%)	2600
Display	1024x768
Max.operating Time(22°C), h	4+5
Weight, g	550
Dimension, mm	147x75x73



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Ultra Clear
Ultra Precise



Precision Meets Portability

MATE SERIES »»

MAH50R



InfiRay Outdoor 🔍



Ultra-clear Thermal Imaging

The new model is equipped with InfiRay's high-end proprietary thermal sensor (640*512 resolution, @12Hz, NETD≤18mk), providing users with crystal-clear thermal imaging. It adapts to day scopes with up to 10x magnification while maintaining excellent image detail.



NETD ≤18mk

Mastering Distances with Integrated LRF

Introducing the innovative clip-on thermal product with an integrated Laser Range Finder (LRF) capable of 1,200m. It offers high-precision distance measurement and dynamic display, aiding hunters in quickly and accurately determining distances.



Magnetic Battery Packs

The device comes with additional magnetic battery packs for ease of carrying and installation, extending hunting time without the worry of battery depletion.



Stability and Precise Hunting

Constructed with robust magnesium alloy and rigid structural connections, the device is highly shock-resistant. It exceptionally meets the high-precision standard of 'POI=1MOA', ensuring stability and precision in every hunting endeavor.

Photo/Video/MIC/32GB



Navigating Accuracy with Ballistic Calculation

Supports strategic and precise ballistic calculations, ensuring each shot is accurately delivered. Hunters can more accurately predict the trajectory of bullets or arrows, thereby increasing the likelihood of hitting the target. It also helps in understanding the potential endpoint of the projectile, reducing the risk of accidental injuries and other safety hazards.

