



TE Mini

Handheld Thermal Imaging Monocular

Touch and Enjoy

outdoor

Introduction

The TE Mini Series handheld thermal imaging monocular, your pocket-sized night vision companion, is equipped with a 256x192 infrared detector and a 10mm lens, providing a detection range of up to 500 meters. The integrated 1.43" AMOLED full-color touchscreen allows you to view infrared images clearly without pressing your eyes against the eyepiece, reducing eye fatigue during extended use. With just a 10-minute quick charge, it offers up to 1 hour of continuous use, making it the ideal companion by your side.

Features

- o **APEXVISION:** Next-gen infrared imaging system for ultra-clarity
- o **Ultra-Lightweight:** Only 200 grams, effortlessly portable.
- o **Comfortable Viewing:** Integrated 1.43" touchscreen, reducing eye fatigue.
- o **Extended Battery:** Up to 6 hours of use, 20W quick charging for worry-free power.
- o **Audio-Visual Sync:** Record video with synced audio.
- o **Smooth Operation:** One-button, one-ring design for seamless control.
- o **Rugged Design:** IP67-rated for all-weather durability.
- o **Smart Connectivity:** Control via mobile APP, OTA firmware updates.

Applications

- o Night Hunting
- o Wild Adventure
- o Search & Rescue



Specifications

Product model	TE210MS
Sensor	
Core technology	Equipped with full ApexVision SI system architecture: Detector ApexCore SI + Platform Nexus 1.0 + Algorithm Hyper-Light 2.0
Type	Uncooled VOx Infrared Detector, 8 to 14μm
Resolution	256×192@12μm
NETD	15mK
Frame rate	50Hz
Lens	
Objective lens	10mm, F1.0
Field of view	13.1°×13.1°
FOV m@100m	23×23
Magnification	0.4x~1.6x
Detection range	500m/550yd
Focus	Focus-free
Display	
Display type	Touch screen, 1.43" AMOLED 466×466
Color palettes	White Hot, Black Hot, Red Hot, Green Hot, Iron Red, Blue Hot, Sepia
Hardware	
Wi-Fi	2.4G, 5G
Interface	USB-C (Charging/Power supply/USB2.0)
Others	Microphone, Bluetooth
System	
Recording function	Photo/Video (Audio recording included)
Memory capacity	64 GB
Power	
Battery type	Built-in Battery
Operating time	6 hours (Support 20W quick charging)
Environmental	
Operating temp.	-20°C to 50°C / -4°F to +122°F
Encapsulation	IP67
Physical	
Weight (g/oz)	200/7.05
Size (mm/in)	49×49×111/1.93×1.93×4.37
Standard	Device, Wrist Strap, Carry Bag, Lint-Free Cloth, USB-A to USB-C Cable, Quick Start Guide, Warranty Card
Optional	Bluetooth Remote Control, Quick Charging Adapter, USB-C to USB-C Cable

