

TE Series

Handheld Thermal Imaging Monocular

Smaller Yet Sharp

outdoor

Introduction

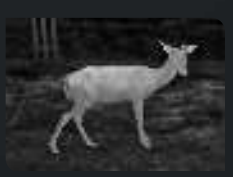
The TE Series Handheld Thermal Imaging Monocular is a pocket-sized night vision powerhouse, offering exceptional performance at an affordable price. It is equipped with a highly sensitive infrared detector, providing multiple resolutions and lens options to meet your diverse needs in various environments. A 10-minute quick charge gives you an hour of continuous use, making it the perfect companion for your outdoor explorations.

Features

- **Ultra-Lightweight:** Only 300 grams, effortlessly portable.
- **Comfortable Viewing:** 0.32-inch screen for clear and smooth visuals.
- **Extended Battery:** Up to 6 hours of use, 20W quick charging for worry-free power.
- **Audio-Visual Sync:** Record video with synced audio.
- **Smooth Operation:** One-button, one-ring design for seamless control.
- **Rugged Design:** IP67-rated for all-weather durability.
- **Smart Connectivity:** Control via mobile APP, OTA firmware updates.

Applications

- Night Hunting
- Wild Adventure
- Search & Rescue



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Specifications

Product model	TE211	TE411	TE421
Sensor			
Type	Uncooled VOx Infrared Detector, 8 to 14μm		
Resolution	256×192@12μm	400×300@12μm	
NETD	30mK	25mK	
Frame rate	50Hz		
Lens			
Objective lens	10mm, F1.0	19mm, F1.0	25mm, F1.0
Field of view	17.5°×13.1°	14.4°×10.8°	11.0°×8.2°
FOV m@100m	31×23	25×19	19×14
Magnification	1.2x~4.8x	1.4x~5.6x	1.9x~7.6x
Detection range	500m/550yd	1000m/1090yd	1300m/1400yd
Display			
Display type	0.32" AMOLED 800×600		
Color palettes	White Hot, Black Hot, Red Hot, Green Hot, Iron Red, Blue Hot, Sepia		
Eyepiece	Eye relief: 25mm; Diopter: -5 to +5; Zoom: 14x		
Hardware			
WIFI	2.4G, 5G		
Interface	USB Type-C, Support charging		
Others	Microphone, Bluetooth		
System			
Recording function	Photo/Video (Audio recording included)		
Memory capacity	16GB		
Power			
Battery type	Built-in battery		
Operating time	6 hours (Support 20W quick charging)	5 hours (Support 20W quick charging)	
Environmental			
Operating temp.	-20°C to 50°C / -4°F to +122°F		
Encapsulation	IP67		
Physical			
Weight (g/oz)	248/8.75	308/10.86	315/11.11
Size (mm/in)	47×47×132/1.85×1.85×5.20	47×47×148/1.85×1.85×5.83	47×47×155/1.85×1.85×6.10
Standard	A device, lens cover, Eye mask, Wrist strap, USB Type-C cable, Quick use guide, Safety Information Manual, Warranty card	A device, lens cover, Eye mask, Wrist strap, Quick charging adapter, USB Type-C cable, Quick use guide, Safety Information Manual, Warranty card	
Optional	Bluetooth remote control, Quick charging adapter	Bluetooth remote control	

* Product performance is based on testing in a controlled laboratory environment. Your test results may vary due to several external and environmental factors.
All specifications are subject to the actual product. The manufacturer reserves the right to modify technical specifications without notice or liability to you.