

TR Gen2 Series

Thermal Imaging Scope

Built Light, Built Strong

Introduction

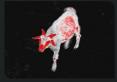
The TR Gen2 Series thermal imaging scope is designed for hunters seeking high performance and portability. It offers a variety of resolutions and lens options to meet diverse scene requirements. The lightweight yet durable design weighs as little as 515g, making it easy to carry. A 10-minute quick charge allows for 1 hour of continuous use, and the hot-swappable battery ensures you won't miss any key moments.

Features

- o Highly sensitive: 12μm infrared detector, NETD reaches 25mK
- Lightweight design: slim and lightweight body, combining a metal feel with comfortab le handling.
- Long battery life: 10 hours of operation, 20W quick charging, and supports hotswappable batteries.
- Smart recording: automatically record videos and take photos during shooting, capturing shooting moments
- Rugged and durable: IP67 waterproof and dustproof, high shock resistance of 1000G
- WiFi upgrade: supports 2.4G/5G dual-band, enabling more efficient data transmission.
- o Powerful APP: Connect mobile APP for OTA firmware upgrade and ballistics calculation

Applications

- Night Hunting
- Law Enforcement
- Search & Rescue
- Personal security



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Specifications

Product model	TR212	TR222	TR422	TR432
Sensor	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
Туре	Uncooled VOx Infrared Detector, 8 to 14µm			
Resolution	256×192@12µm		400×300@12μm	
NETD	30mK		25mK	
Frame rate	50Hz			
Lens				
Objective lens	19mm, F1.0	25mm, F1.0		35mm, F1.0
Field of view	9.2°×6.9°	7°×5.3°	11°×8.2°	7.9°×5.9°
FOV m@100m	16×12	12×9	19×14	14×10
Magnification	2.8x~11.2x	3.6x~14.4x	2.3x~9.2x	3.3x~13.2x
Detection range	1000m/1090yd	1300m,	/1400yd	1800m/1950yd
Focus	Manual			
Display				
Display type	0.39" AMOLED 1024×768			
Color palettes	White Hot, Black Hot, Red Hot, Green Hot, Iron Red, Blue Hot, Sepia			
Eyepiece	Eye relief: 48mm; Diopter -5 to +5; Zoom: 14x			
Hardware				
WIFI	2.4G, 5G			
nterface	USB-C			
Others	Microphone, Bluetooth			
System				
Recording function	Photo/Video (Audio recording included)			
Memory capacity	16GB			
Power				
Battery type	Single battery (built-in) and Single replaceable 18500 battery (external)			
Operating time	10 hours			
Environmental				
Operating temp.	-20°C to 50°C / -4°F to +122°F			
Shock	1000G (as per IEC60068-2-27)			
Encapsulation	IP67			
Physical				
Weight (g/oz)	515/18.17	525/18.52	551/19.44	572/20.18
Size (mm/in)	221×57×72/8.7×2.24×2.83 244×57×72/9.61×2.24×2.83			
Standard	Device, Lens cover, Eye mask, Carrying bag, Quick-release scope mount, 18500 battery, Battery charger, Quick charging adapter, USB-C to USB-C Cable, Quick use guide, Warranty card			
Optional	Bluetooth remote control, 18500 battery			