

## TS Gen2 Series

Thermal Imaging Scope

# Zoom with Ease

outdoor

### Introduction

The TS2 Series thermal imaging scope is a powerful, lightweight optical device. It features a 12 $\mu$ m high-sensitivity thermal sensor and a full-HD 1920x1080 AMOLED display for detailed, rich images. With a magnesium alloy housing, the TS2 Series remains lightweight even with the built-in laser rangefinder. The IP68 waterproof and dustproof design and high shock resistance ensure reliable performance in harsh conditions.

### Features

- o **Highly sensitive:** 12 $\mu$ m infrared detector, NETD reaches 20mK
- o **Continuous zoom:** electronic zoom ring design for smooth rotation and quick target locking
- o **Laser ranging:** integrated laser rangefinder up to 1000m
- o **Dual-side focus adjustment:** the dual-side focus knob is designed for operation by both left and right hands, allowing for effortless handling
- o **Smart recording:** automatically record videos and take photos during shooting, capturing shooting moments
- o **Rugged and durable:** IP68 waterproof and dustproof, high shock resistance of 1000G

### Applications

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



## Specifications

Product model	TS432L	TS632L
<b>Sensor</b>		
Type	Uncooled VOx Infrared Detector, 8 to 14μm	
Resolution	400×300@12μm	640×512@12μm
NETD	25mK	20mK
Frame rate	50Hz	
<b>Lens</b>		
Objective lens	35mm, F1.0	
Field of view	7.8°×5.9°	12.5°×10.0°
FOV m@100m	14×10	22×17
Magnification	2.6x-10.4x	1.7x-13.6x
Detection range	1800m/1950yd	
<b>Display</b>		
Display type	0.39" AMOLED 1920×1080	
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	
<b>Hardware</b>		
Laser rangefinder	1000m/1090yd	
WIFI	2.4G, 5G	
Interface	USB Type-C	
Others	Microphone, Bluetooth	
<b>System</b>		
Recording function	Photo/Video (Audio recording included)	
Memory capacity	32GB	64GB
<b>Power</b>		
Battery type	Single, replaceable 18650 battery	
Operating time	6 hours	5.5 hours
<b>Environmental</b>		
Operating temp.	-20°C to 50°C / -4°F to +122°F	
Shock	1000G (as per IEC60068-2-27)	
Encapsulation	IP68	
<b>Physical</b>		
Weight (g/oz)	618/21.80	622/21.94
Size (mm/in)	223×75×86/8.78×2.95×3.4	
Standard	A device, Lens cover, Eye mask, Quick-release scope mount, 18650 battery×2, Battery charger, 5V2A adapter (US, Britain, Australia and Europe), USB Type-C cable, Quick use guide, Safety Information Manual, Warranty card	
Optional	18650 battery, 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.