Guide outdoor

TJ LRF Pro Series

Handheld Thermal Imaging Monocular

Laser Sharp at 1500m

outdoor

Introduction

TJ LRF Pro Series has fully upgraded its hardware configuration and software functions, bringing it to new heights in picture clarity, observation comfort, and intelligent operation. It is equipped with a 12μm high-sensitivity infrared detector, making your targets in the dark clearly visible and lifelike. 0.5" ultra-large AMOLED display presents you with a stunning visual effect like a home theater. Built-in 1500m laser rangefinder, triggered with one button, makes your adventure more secure and smooth.

Features

- 12μm advanced thermal detector, NETD down to 18mK
- Stunning visual effects like a 90" home theater at 2.5m distance
- Laser Range Finder up to 1500m
- Unique button and battery design enables blind operation in the dark
- Adaptable for left-and right-handed use
- Video recording including sound

Applications

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

Wuhan Guide Sensmart Tech Co., Ltd.

www.guideoutdoor.com

+86 27 8129 8784

enquiry@guideoutdoor.com

Specifications

Product model	TJ630LP	TJ650LP	TJ1250LP
Sensor			
Type	Uncooled VOx Infrared Detector, 8 to 14μm		
Resolution	640×512@12μm		1280×1024@12μm
NETD	20mK		18mK
Frame rate	50Hz		
Lens			
Objective lens	35mm, F1.0	50mm, F1.0	
Field of view	12.5°×10.0°	8.8°×7.0°	17.5°×14.0°
FOV m@100m	22×17	15×12	31×25
Magnification	3.31x~26.48x	4.73x~37.84x	2.36x~37.76x
Detection range	1800m/1950yd	2600m/2800yd	
Display			
Display type	0.5" AMOLED 1600×1200		
Color palettes	White Hot, Black Hot, Red Hot, Green Hot, Iron Red, Blue Hot, Sepia		
Eyepiece	Exit pupil distance 16 mm; Diopter: -6 to +6; Zoom: 18x		
Hardware			
Laser rangefinder	1500m/1630yd		
WIFI	2.4G, 5G		
Interface	USB Type-C (Power supply/USB2.0)		
Others	Microphone, Compass, Gyroscope, Bluetooth		
System			
Recording function	Photo/Video (Audio recording included)		
Memory capacity	64GB		256GB
Power			
Battery type	2 replaceable 18650 batteries		
Operating time	9 hours		6 hours
Environmental			
Operating temp.	-20°C to 50°C / -4°F to +122°F		
Encapsulation	IP67		
Physical			
Weight (g/oz)	584/20.60	618/21.80	689/24.30
Size (mm/in)	247×101×70/9.72×3.98×2.76		
Standard	A device, Wrist strap, Battery charger, 18650 battery×2, 5V2A adapter (US, Britain, Australia and Europe), USB Type-C cable, Quick use guide, Warranty card		
Optional	Bluetooth remote control, 18650 battery		

* 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.