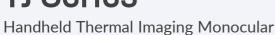
TJ Series





20mK, Indulge in A Visual Feast



Introduction

Embark on nighttime explorations with the TJ Series, a top pick for hunters. Equipped with exceptional thermal imaging technology, this device features a high-sensitivity infrared detector that enables clear night vision. The Full-HD display enhances these benefits, while two-hand operation, video recording, and a 12-hour battery life make it the perfect companion for nighttime escapades.

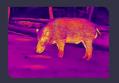
Features

- 0 12μm advanced thermal detector, NETD down to 20mK.
- o Full-HD 1920×1080 AMOLED display.
- o Unique button and battery design enables blind installation in the dark.
- o Adaptable for left-and right-handed use.
- o Video recording including synced audio.
- o IP67, 12 hours of operation.

Applications

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





Specifications









| Product model | TJ420 | TJ430 | TJ630 | TJ650 |
|--------------------|--|------------------------------|------------------------------|------------------------------|
| Sensor | | | ' | |
| Туре | Uncooled VOx Infrared Detector, 8 to 14μm | | | |
| Resolution | 400×300@12μm | | 640×512@12μm | |
| NETD | 25mK | | 20mK | |
| Frame rate | 50Hz | | | |
| Lens | | | | |
| Objective lens | 25mm, F1.0 | 35mm, F1.0 | | 50mm, F1.0 |
| Field of view | 11°×8.2° | 7.9°×5.9° | 12.5°×10° | 8.8°×7° |
| FOV m@100m | 19×14 | 14×10 | 22×17 | 15×12 |
| Magnification | 3.04x~12.16x | 4.25x~17.0x | 2.66x~21.28x | 3.79x~30.32x |
| Detection range | 1300m/1400yd | 1800m/ | 1950yd | 2600m/2800yd |
| Focus | Manual | | | |
| Display | | | | |
| 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: 16mm; Diopter: -6 to +6; Zoom: 18x | | | |
| Hardware | | | | |
| WIFI | 2.4G, 5G | | | |
| Interface | USB-C (Power supply/USB2.0) | | | |
| Others | Microphone, Compass, Gyroscope, Bluetooth | | | |
| System | | | | |
| Recording function | Photo/Video (Audio recording included) | | | |
| Memory capacity | 32GB | | 64GB | |
| Power | | | | |
| Battery type | 2 Replaceable 18650 Batteries | | | |
| Operating time | 12 hours | | 10 hours | |
| Environmental | | | | |
| Operating temp. | -20°C to 50°C / -4°F to +122°F | | | |
| Encapsulation | IP67 | | | |
| Physical | | | | |
| Weight (g/oz) | 479/16.90 | 504/17.78 | 502/17.71 | 546/19.26 |
| Size (mm/in) | 234×66×66/ 9.21×2.60×2.60 | 243×66×66/ 9.57×2.60×2.60 | 234×66×66/ 9.21×2.60×2.60 | 243×66×66/ 9.57×2.60×2.60 |
| Standard | Device, 18650 Battery ×2, Battery Charger, 5V 2A Adapter (US, UK, Australia, and Europe), USB-A to USB-C Cable, Quick Start 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.