



IR510 Nano Series

Handheld Thermal Imager



Introduce

It's time to upgrade your IR510 series. Connected to mobile APP via Wi-Fi, the new IR510 series can be remote controlled to display synchronously, take photos and videos. Compared with the last version, it provides superior image, longer detection range and advanced algorithm, helping to pick up the targets.

Application

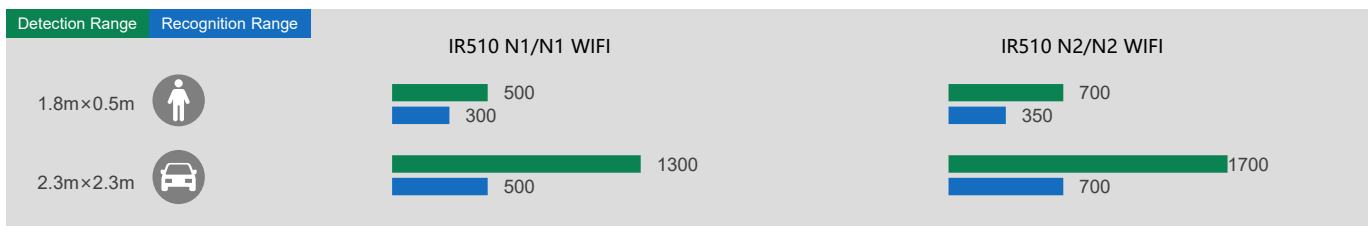
Hunting / Law enforcement / Outdoor / Patrol / Search & Rescue / Personal Security

Features and Benefits

- Wi-Fi for remote control, to display synchronously, take photos and videos
- Imaging better, detect further, highlight the target easier
- Easy operation with only three buttons Silent and lightproof design to prevent exposure
- Built-in battery life up to 5h, external power supply available
- Illuminator or laser pointer or neither
- IP66 protection and 1m drop test passed to suit the wild

Specifications

| Model | IR510 N1 | IR510 N1 WIFI | IR510 N2 | IR510 N2 WIFI |
|------------------------------------|--|---------------|--------------------------|---------------|
| Detector | | | | |
| Detector Type | 400×300 @17μm, 8μm~14μm, NETD≤50mk | | | |
| Lens | | | | |
| Focus | 19mm | | 25mm | |
| Focusing | Focus-free | | Manual | |
| FOV | 19.0°×14.5° | | 14.6°×11.1° | |
| Display | | | | |
| Screen | 720×540, Colorful 0.2"LCOS | | | |
| Eyepiece | Monocular, diopter adjustable±4 | | | |
| Magnification | 0.9—3.6X | | 1.2—4.8X | |
| Image | | | | |
| Frame | 50Hz | | | |
| Digital Zoom | ×2, ×4 | | | |
| Color Palette | highlight, Black hot, white hot, red hot 1, red hot 2, red hot 3 | | | |
| Functions | | | | |
| hotspot tracking | √ | √ | √ | √ |
| Wi-Fi | × | √ | × | √ |
| Other | Freeze, Indicate Box, Illuminator or laser pointer or neither | | | |
| Power | | | | |
| Battery | Internal Li-ion battery, 3.7V, 3200mAh | | | |
| Working Time | ≥5h | | | |
| Adapter | Standard USB power adapter, max 10W | | | |
| Interface | | | | |
| USB | Charging | | | |
| Video Output | MCX Connector, PAL/NTSC | | | |
| Environment Characteristics | | | | |
| Working Temperature | -10°C~50°C | | | |
| Storage Temperature | -30°C~60°C | | | |
| Encapsulation | IP66 | | | |
| Drop | 1m drop | | N/A | |
| Physical Parameter | | | | |
| Weight | 350g | | 375g | |
| Size | 160mm×67mm×62mm | | 168mm×67mm×62mm | |
| Package | | | | |
| Standard accessories | Power adapter, USB cable, Video cable, Lens cap, Wrist strap, Shoulder strap, Soft drawstring bag, User manual | | | |
| Optional accessories | N/A | | 40mm lens(FOV:9.3°×7.0°) | |



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