

IR510 Nano Series

Handheld Thermal Imager



Night Hunting
Search & Rescue
Law Enforcement
Night Patrol
Outdoor Sports
Personal Security

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.



- 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

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			
Fuctions				
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°)	

