



IR510 Series

Handheld Thermal Imager



Introduce

IR510 series are handheld thermal imagers. The Pro version brings you more fun and benefit with the image record function. With these new features, you can recall the interesting memories on site, you can share what you saved in the thermal imager with your fellows, the policeman or law enforcement officers can even take the imagers saved as evidence. A reliable vision and detection tool making it ideal for wildlife observation, hunting, search & rescue or security and surveillance applications.

Application

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

Features and Benefits

- **Lightweight and pocket size**
With its small pocket size and ergonomic design, which allows you to scan vast areas for long period of time without arm fatigue
- **Easy Operation**
With straightforward on-hand operation using only three buttons, the IR510 series assist your vision without adding complexity
- **High-tech LCOS Display**
The latest in next generation LCD display LCOS offers superior image quality

Specifications

	IR510P	IR510X
Detector		
Detector Type	400×300@25μm	
Spectral Range	8μm~14μm	
Lens		
Focus	19mm, F1.0	25mm, F1.0 (Optional extension lens 40mm, F1.2)
Focusing	Fixed focus, athermalizing	Manual focus
Screen	Colorful LCOS	
Viewfinder	Monocular, diopter adjustable	
Image		
Frame	50Hz	
Digital Zoom	×2, ×4	
Tracing	Hot spot tracing	
Color Palette	Black hot, white hot, red hot 1, red hot 2, red hot 3	
Image Format	JPG	
Configuration	Laser point	
Power		
Battery	Internal Li-ion battery	
Working Time	≥5h	
Adapter	Standard USB power adapter, max 10W	
Interface		
USB	Charging, data transfer	
Video Output	Analog video output, PAL/NTSC alternative	
Environment Characteristics		
Working Temperature	-10℃~50℃	
Storage Temperature	-30℃~60℃	
Humidity	10%~95%	
Shock	10Hz~150Hz~10Hz 0.15mm IEC60068-2-6	
Physical Parameter		
Weight	350g	375g
Size	160mm×67mm×62mm	168mm×67mm×62mm

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