Guide sensmart

IR517 Series

Multi-functional Handheld Thermal Imager



Introduce

IR517 handheld thermal monocular is the latest multi-functional portable thermal imager launched by Guide Infrared. The lenses of IR517 series are interchangeable for different detection missions. The built-in Wi-Fi module can connect the IR517 to a mobile device with an APP, and make various applications possible. This highly compact thermal imaging device is small and light weight so that you can easily stuff in your package.

Application

Law enforcement / Maritime / Personal Security / Hunting / Counter-terrorism / Search & Rescue / Outdoor / Fishery administration

Features and Benefits

- 19mm/35mm/65mm/80mm lenses for different detection missions as well as different budget.
- Built-in Wi-Fi module enables connection between IR517 and mobile devices for image & video transfer, program upgrading etc.
- through the LCOS viewfinder display.
- Built-in large capacity SD card, user can record real-time video or take photos whenever they want.
- IR517 can record on-site voice annotation and GPS information together with the thermal images.

Specifications

	IR517G Pro	IR517G
Detector		
Resolution	400×300@25μm	400×300@25μm
Spectral	8～14um	
Lens		
Focus	35mm standard lens（19mm,65mm,80mm external lens）	
Focusing	Fixed focus，manual focus	
FOV	19mm lens：19.7°×15°；35mm lens：11°×8.3° 65mm lens：6.0°×4.5°；80mm lens：4.9°×3.6°	
Image		
Frame Rte	PAL/25Hz, NTSC/30Hz	
Digital Zoom	2X、4X	
Palette	Black hot, white hot, red hot	
Image Storage	Photo format JPG, Video MP4	
Wi-Fi	Wi-Fi share photo and video, also can controlled by app（IOS & Android）	No
Power		
Battery	Li-on	
Adapter	5VDC	
Working Time	With IR mode, Continuous working hours after a single charge ≥3h	
Interface		
USB	Charge，output data from storage mode	
Analog Video	Video streaming with MCX interface	
Storage	Built-in 16G/32G(optional)	
Microphone	Yes	No
Display		
Mini display	Color mini display，1280×960 resolution	
View Finder	Monocular display， adjustable diopter（-5～+5）	
Environment Characteristics		
Working Temperature	-10℃～40℃	
Storage Temperature	-30℃～70℃	
Humidity	10%～95%	
Encapsulation	IP66	
Drop Test	1m drop	
Physical Characteristics		
Weight	35mm lens(standard)：787g	
Size	35mmlen(standard)：220.2mm×80mm×71mm	

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