Industrial Series

HotFind-S

Mid-Level

Professional
Thermal Imaging Camera

DUO-VISION PLUS

Digital Noise Reduction

HotFind-S adopts brand-new image processing technology to decrease interference to generate sharper and clearer images.

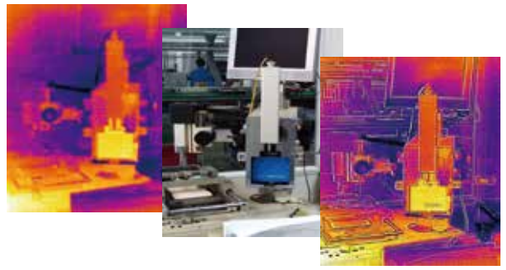
High-speed Image Processing Engine

The newly developed high-speed image processing engine utilises dynamic processing to provide an image output frame-rate of up to 50Hz without any delay.

Ergonomic Design
Shock Resistance
USB
Multi-sockets
Micro SD card
IP54
Abnormal Temperature Alarm
DUO-VISION PLUS
5 hours Continuous Operation
Sun Shield
Multi-lenses optional
Easy to Operate

DUO-VISION PLUS Technology

The HotFind-S uses SATIR unique DUO-VISION PLUS technology to fuse infrared and visual images to deliver high quality thermal images with with details, such as text, making it even easier for user experience.

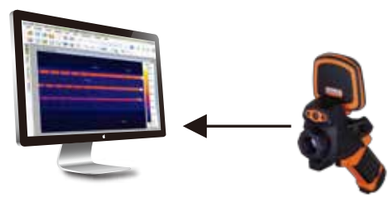


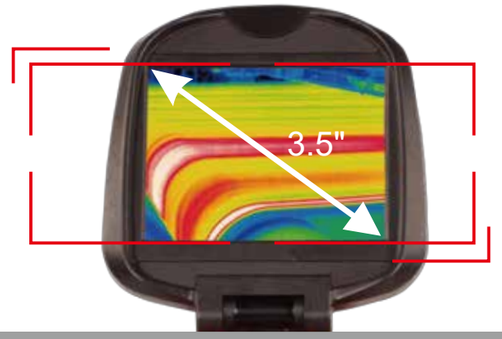
IR Video Recording

Users can use the IR video recording function to record dynamic changes during the survey for review and further analysis.

Real-time Analysis on Computer

The HotFind-S can be connected to a computer to process temperature data in real-time and carry out data analysis, while generating a thermal image detection report.





3.5" Tilting LCD Touch Screen

HotFind-S is equipped with a 3.5 inch LCD touch screen. The user can adjust the angle of the LCD for the best viewing angle. The tilting design also provides protection for the LCD while the camera is not in use.

Dual Control--Touch Control and Keyboard Control

Two kinds of control mode, touchscreen and push button keypad, fulfill the usage habits of different users.

Drop Resistant

Full wrapping design with shock resistant and drop resistant cover to provide the best protection for the lens, screen and precision electronic components.

Long Battery Life

The HotFind-S uses high capacity lithium batteries, and with its power saving design, it can work for 5 hours continuously for each battery.

Professional Thermal Imaging Camera

HotFind-S

Model Name	HotFind-S
Image Performance	
FOV/Min. Focus Distance	29° x22°/0.15m
Spatial Resolution	1.1mrad
Thermal Sensitivity	≤0.05°C@30°C
Detector Type	UFPA
Resolution	384x288
Spectral Range	7.5-14um
Focus	Manual
Image Presentation	
Image Mode	IR/CCD/Duo-vision/Duo-vision Plus
LCD Display	3.5'' Capacitive touch screen
Visible Pixels	High definition CCD, 5 million pixels
Video Output	NTSC (60Hz) or PAL (50Hz) composite video
Temperature Measurement	
Measurement Range	-20℃ ~ +650℃ (Up to 1500°C, Optional)
Accuracy	±2° or ±2% of readings
Measurement Mode	8 movable spots, auto hot/cold spot, 2 lines, 5 area boxes, isotherm
Correction	Ambient temperature/Emissivity/Humidity/Distance
Pseudo-color	Iron, Iron inverted, Rainbow, Feather, Grey and Grey inverted
Alarm	Yes
Image Storage	
Type	16GB TF card
Image Format	.JPG (Thermal/Visual)
Annotation	Voice annotation, Text annotation
Power System	
Battery Type	Rechargeable lithium battery
Working Voltage	DC 4V-4.8V
Battery Operating Time	5 hours
Environment Specification	
Operating Temperature Range	-20°C to +50°C
Storage Temperature Range	-40°C to +70°C
Humidity	10% to 95%, non-condensing
Encapsulation	IP54
Shock/Vibration	25G/2G
Drop Resistance	1.8 meters
Digital Zoom	1x to 10x
Physical Characteristic	
Dimension	215mm × 80mm × 219mm
Weight	Less than 800g
Tripod Mounting	1/4"_20
Additional Features	
Illuminator	Yes
Laser Pointer	Yes
Video Record	Yes
Ports	USB port, Analog video output
Bluetooth	Yes
Optional Lenses/Min. Focus Distance	7x5.25°/5m/0.32mrad, 12x9°/0.5m/0.55mrad, 48x36°/0.1m/2.2mrad