

HotFind-S (-20°C to 650°C) with 24° lens

Specifications:

Model Name	HotFind-S
Image Performance	
FOV/Min. Focus Distance	24° x18°/0.15m
Spatial Resolution	1.1mrad
Thermal Sensitivity (N.E.T.D)	≤0.035°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°C~+650°C (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 Ambient
Correction	temperature/Emissivity/Humidity/Distance Iron, Iron inverted, Rainbow, Feather, Grey and Grey inverted
Pseudo-color	
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
Available Optional Lenses/Min. Focus Distance	7x5.25°/5m/0.32mrad, 12x9°/0.5m/0.55mrad, 24x18°/0.15m/1.1mrad, 48x36°/0.1m/2.2mrad