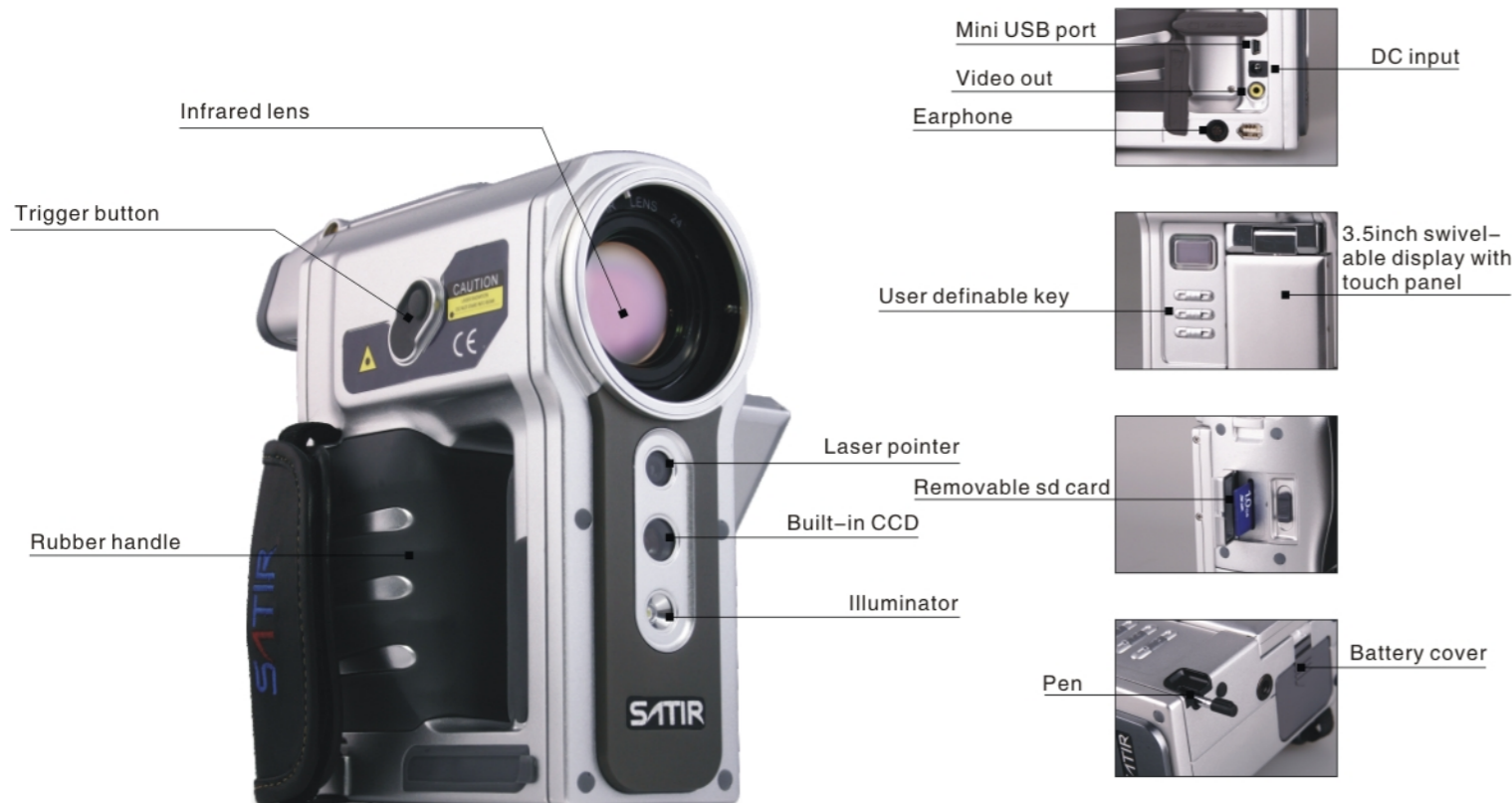


HY-S380



Experience the different inspection work with the S380.

- Upright styling with ergonomic design provides easy operation and smaller size
- Brand new operational system
- 3.5inch innovative touch screen design
- Removable SD card, extendable to 1G
- Embedded thermography recording can record not only thermal image, but thermal video as well
- Leading Duo vision technology with 4 display modes



Model	HY-S380
Thermal Image and optical data	
FOV/ min. focus distance	24° × 18° / 0.1m
Spatial resolution	1.3mrad
Thermal sensitivity @ 50/60 Hz	80 mK@30°C
Detector type	FPA, uncooled microbolometer
Resolution	384 × 288
Spectral range	8 ~ 14 μm
Focus	Auto/motorized
Image presentation	
LCD display	3.5" LCD, touch panel
Viewfinder	Built-in, full color (TFT)
Visual image	Built-in digital video, 640x480pixels, full color
Duo Vision	4 modes
Video output	PAL or NTSC
Illuminator	Yes
Status display	Yes
Measurement	
Measurement range	Range one: -20°C to +150°C, (-4°F to +302°F) Range two: -20°C to +600°C (-4°F to +1112°F) Range three: -20°C to +1500°C (-4°F to +2732°F) (optional) Range four: -20°C to +2000°C (-4°F to +3632°F) (optional)
Accuracy	± 2°C, ± 2% of reading
Measurement mode	Analysis up to 10 spots, 5 areas, 2 isotherm analysis, line profile
Correction	Emissivity, ambient temperature, distance, relative humidity
Image storage	
Type	Removable SD card, extendable to 2G
File formats - Thermal	SAT format, 14 bit measurement data included
File formats - Visual	CCD format
Text annotation	Yes
Voice annotation	40sec
Laser pointer	
Type	Class 2, 1mw/635 nm red
Battery system	
Type	Rechargeable lithium battery
Battery operation time	≈ 2.5 hours continuous operation
Power save mode	Yes
External power supply	8-12V 3A DC (optional)
Environment specification	
Operating temperature range	-15°C to +50°C (-5°F to +122°F)
Storage temperature range	-40°C to +70°C (-40°F to +158°F)
Humidity	Operating and storage 10% to 95%, non-condensing
Encapsulation	IP 54 IEC529
Shock	Operational: 25G IEC 68-2-29
Vibration	Operational: 2G IEC 68-2-6
Physical characteristic	
Weight (inc. Battery)	≈ 1750g
Size (L*W*H)	160 mm × 90mm × 184mm
Tripod mounting	1/4" _20
Interface	
USB	Thermal video transfers in real time software(optional)

