

SATIR G96

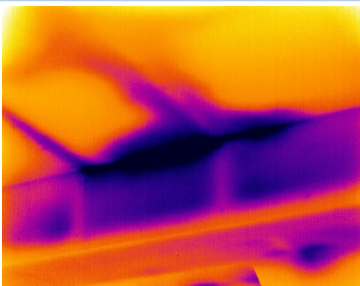
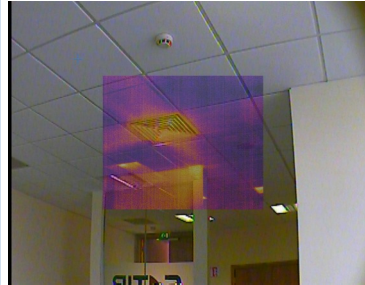
*Performance Level High Resolution 640X480
Detector*



SATIR G96 is a high performance thermal imager, it has a user friendly design which makes it easy to handle, the design incorporates a new user experience with a powerful analysis features. It comes with a 5" detachable LCD with a remote control unit which makes working in hazardous areas and on long surveys easier for the user. The G96 has a high resolution 640x480 UFPA Detector which offers accurate and reliable temperature measurements. It has video recording which allows the user to save the thermal videos.

Features

- **High resolution 640X480 UFPA detector.**
There is the high resolution 640X480 UFPA detector in G96. Total 307,200 effective pixels, every pixel brings an accurate and reliable temperature measurement result.
- **5 inch detachable LCD with remote control.**
The flexible detachable LCD makes the work easier, with the remote control panel, all the cameras' operations can be controlled by your thumb.
- **USB real time thermal video recording (optional).** G96 can take thermal images and thermal video with the USB Real time software, thermal video can be transferred to a PC in real time for analysis and playback.
- **Thermal video recording.** G96 can record the real time non-radiative thermal video in to the SD card. The users can save the thermal video total 2hours in to the 4 GB SD card. The thermal video is in mp4 format that can be played by general video player.
- **DuoVision.** G96 can take high quality "DuoVision" images, with three display modes; users can choose the most suitable mode for their application.



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Camera Name	G96
Resolution	640x480
Thermal Sensitivity (N.E.T.D)	≤0.05@30°C
Detector Type	FPA, uncool microbolometer
Spectral Range	8 – 14 um
Spatial Resolution	0.65mrad
Field of View	24°x18°/0.3m
Focus Mechanism	Manual/Motorized/Auto
Image Presentation	
Image Mode	IR/Digital/Duo-Vision
LCD Display	5" TFT Screen
Digital Camera	2048x1536 pixels
Viewfinder	640x480 Full Colour
Measurement	
Temperature Range	-20°C~ +600°C, up to +2000°C
Accuracy	±2°C ±2% of readings
Measurement Tools	10 movable spots, auto hot/cold spot, line profile, isotherm, 4 area boxes
File Format	JPEG
Measurement Corrections	Ambient Temperature, Emissivity Correction, Distance, Relative Humidity
Environmental	
Operating	-20°C~ +50°C
Storage	- 40°C~ +70°C
Humidity	10% ~ 95%, non-condensing
Encapsulation	IP54
Physical Characteristics (Camera Body)	
Weight	1650g
Dimensions	327mm x143mm x170mm
Interfaces	
Power Input	DC 8V-11V
Video Output	NTSC (60Hz) or PAL (50Hz) Composite Video
Optional Parts	
Available optional Lenses	Close-up, 7°, 12°, 48°

Please be aware specifications can vary from time to time

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