

# G96Plus

## Performance Level

Thermal Imaging Camera for Maintenance



### Remote Control Handle with Large 5" LCD

The remote control handle with large 5" LCD brings more convenience and defined details for users in detection.

### High Resolution and High Sensitivity Detector

G96 PLUS uses the latest generation of 640x480 resolution infrared detector to perform real-time dynamic induction with more than 300,000 detecting elements for accurate temperature detection.

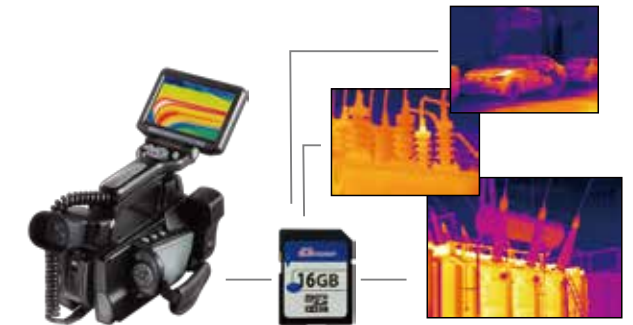
## Multiple Ways of Focusing

G96 Plus has manual, electric and automatic focusing functions. Users can choose the corresponding way of focusing according to their needs.



## IR Video Recording and Storage

G96 PLUS can record and store IR videos, which will be stored in MPEG format on the built-in 16GB Micro SD card and can be displayed by general video player.



## Real-time Analysis on Computer

G96 PLUS can be connected with a computer to proceed real-time data transmission via USB cable, while generates thermal image detection report. Meanwhile, Users can display and analyse IR video using SatIrReport PRO software developed by SATIR.



Four-channel



Ergonomic Design



USB



Duo-vision



Real-time transfer



Micro SD card



640x480 Resolution



Easy to Operate



Friendly Operation Interface



STD/PRO Software Optional



5-inch LCD Display Remote Control



Modular Design Function Free Combination

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## Wi-Fi Transmission

IR images stored in the G96 PLUS can be transmitted to electronic communication equipment as mobile phone or tablet computer through Wi-Fi. With the Wi-Fi transmission, the analysis of IR data becomes more convenient and less limitation.



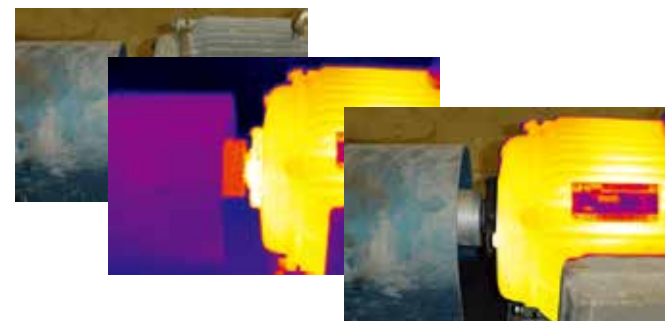
## Remote Control Handle with 5" LCD

The remote control handle is convenient for users to operate the IR camera in distance especially in hazardous areas and adjust the angle of the LCD for the best viewing angle. Users can use the user-friendly design keyboard in the handle to get full access to the camera functions.



## DUO-VISION PLUS Technology

G96 PLUS adopts a unique DUO-VISION PLUS technology to fuse infrared image and visual image to deliver high quality thermal image with exquisite details, making it even easier for the users to find out more.



Model	G96 Plus
<b>Image Performance</b>	
FOV/Min. Focus Distance	24° x18°/0.5m
Spatial Resolution	0.65 mrad
Thermal Sensitivity	≤0.05°C@30°C
Detector Type	UFPA
Resolution	640x480
Spectral Range	8-14um
Focus	Motorized/ Auto-focus/ Manual
<b>Image Presentation</b>	
Image Mode	IR/CCD/Duo-vision
LCD Display	5" TFT
Visible Pixels	5MP
Viewfinder	800 x 480
<b>Temperature Measurement</b>	
Measurement Range	'-20°C ~ +150°C, +120°C ~ +600°C, up to +2000°C(optional)
Accuracy	±2° or ±2% of readings
Measurement Mode	9 movable spots, auto hot/cold spot, profile, 4 area boxes, isotherm
Pseudo-color	Iron, Iron inverted, Rainbow,Feather, Grey and Grey inverted.
<b>Image Storage</b>	
Type	16GB SD card
Image Format	Thermal Image: .JPG Visual Image: .JPG
Video Format	.MPEG
Annotation	Voice, text annotation
<b>Power System</b>	
Battery Type	Rechargeable lithium battery
Working Voltage	DC 8V-11V
Battery Operating time	2.5 hours
Power Management	Auto shut off / Sleep mode
<b>Environment Specification</b>	
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	25G
Vibration	2G
<b>Physical Characteristic</b>	
Size	327mm X 143mm X 170mm
Weight	1740g
<b>Additional Features</b>	
Illuminator	Yes
Laser Pointer	Yes
Video Record	Yes
Ports	USB port , Analog video output
Bluetooth	Yes
WIFI SD card	Optional
USB Real-time Transfer	Yes
Available Optional Lenses	7°, 12°, 48°