

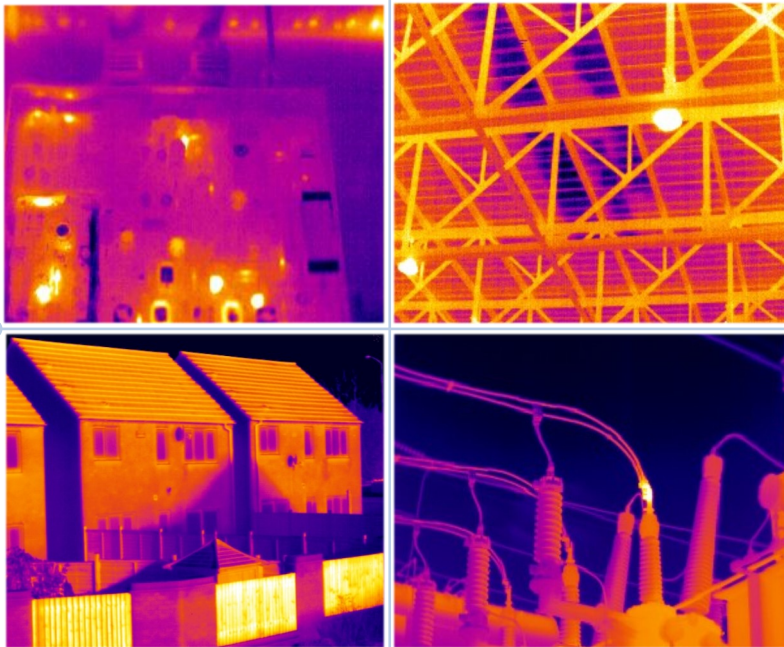
## SATIR D300

### *High Performance IR Camera with Laser Ranging*

SATIR D300 has been designed with the user in mind to ensure that it is simple to use while delivering a high quality image with a 384x288 resolution.

The D300 comes with a laser ranging feature which allows the user to point the laser to the target and it automatically focus the image.

The D300 comes with Duo Vision Plus and a touch screen that will auto focus to ensure the user has a clearly focused thermal image. This means when generating a report the image is already focused which enables accurate evaluation.



### Features

- Newly Designed Platform
- High Speed Processing allows for Quick High Quality image output
- IR/Digital/Duo Vision Plus
- Laser Ranging
- Adaptable LCD Display
- Motorised Lens
- Easy to use interface
- 5 MP High Definition Camera
- Thermal Video Recording
- Long Battery Life

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Camera Name	D300
<b>D300 Specification</b>	
Detector Resolution	384x288
Thermal Sensitivity (N.E.T.D)	≤0.05°C@30°C
Spatial Resolution	1.3 mrad
Focus Mechanism	Motorised
<b>Measurement</b>	
Temperature Range	-20°C ~ + 600°C, up to 1500°C (Optional)
Accuracy	±2°C or ± 2% of readings
<b>Image Presentation</b>	
Image Mode	IR/Digital/Duo-Vision
Visible Pixels	HD 5MP Digital Camera
LCD Display	3.5" Capacitive Touch Screen
Image Output Mode	Analogue Video Output
File Format (Thermal/Visual)	JPEG
<b>Laser</b>	
Laser Type	Class 2, 1mW/635nm, red
Laser Ranging	Yes—Auto focus the camera
Measurement Range	0.05m—30m
<b>Environmental</b>	
Encapsulation	IP54
Shock/Vibration Resistance	25G/2G
Operating Temperature	-20°C ~ +50°C
<b>Physical Characteristics (Camera Body)</b>	
Weight	0.85KG
Dimensions	Height 25cm Camera Head Length 13cm
<b>Additional Features</b>	
Built-in Memory	Yes
Ports	USB Type C
Video Record	Yes
Bluetooth	Yes (Optional)
Real time transmission	USB real time transmission with temperature data (optional)

Please be aware specifications can vary from time to time

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