

SATIR D300

High Performance IR Camera with Laser Ranging

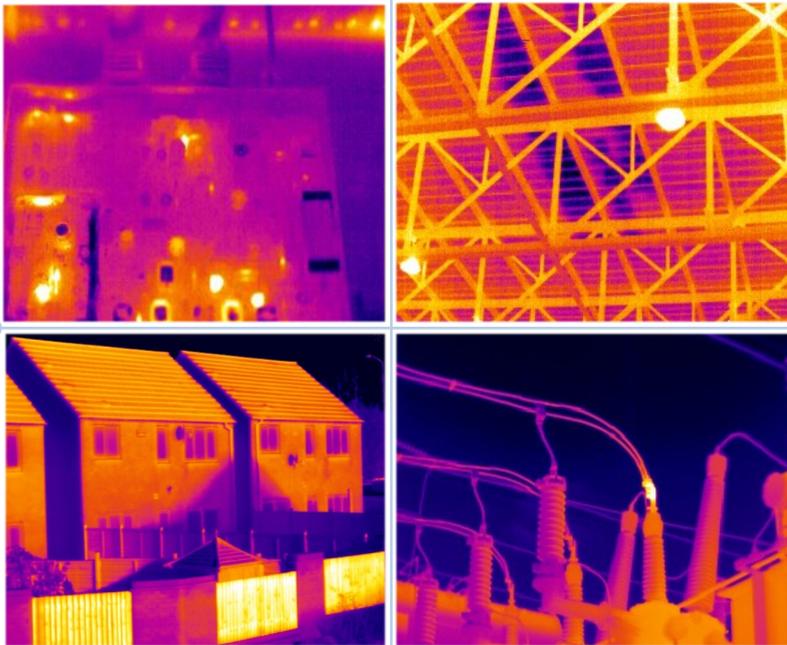
SATIR D300 has been designed with the user in mind to ensure that it is simple to use while delivering a high quality image with a 384x288 resolution.

The D300 comes with a laser ranger finding feature which allows the user to point the laser at the target to learn the distance, and it also enables the camera to automatically focus on the target object.

The D300 comes with Duo Vision Plus, this will give the user an enhanced clear thermal image as it will add all the detail that being taken in the image such as numbers, labels that are not visible on a normal, regular thermal image. Duo Vision Plus will save time because previously they would have needed to take two separate images got this type of detail.



Laser Ranging



Features

- Duo Vision Plus – Saves time and extra detail on thermal images **New!**
- Newly Designed Platform
- High Speed Processing allows for Quick High Quality image output
- Laser Ranger Finder
- 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
D300 Specification	
Detector Resolution	384x288
Thermal Sensitivity (N.E.T.D)	≤0.05°C@30°C
Spatial Resolution	1.3 mrad
FOV	24°X 18°
Focus Mechanism	Motorised /Automatic
Measurement	
Temperature Range	-20°C ~ + 600°C, (up to 1500°C Optional)
Accuracy	±2°C or ± 2% of readings
Image Presentation	
Image Mode	IR/CCD/Duo-Vision Plus
Visible Pixels	High Definition CCD, 5 million pixels
LCD Display	3.5" reversible capacitive Touch Screen
Image Output Mode	Analogue Video Output
File Format (Thermal/Visual)	JPG
Laser	
Laser Type	Class 2, 1mW/635nm, red
Laser Ranging	Yes
Measurement Range	0.05m—30m
Environmental	
Encapsulation	IP54
Shock/Vibration Resistance	25G/2G
Drop Resistance	2 metres
Operating Temperature	-20°C ~ +50°C
Additional Features	
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)
Battery Life	8 Hours

Please be aware specifications can vary from time to time

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