



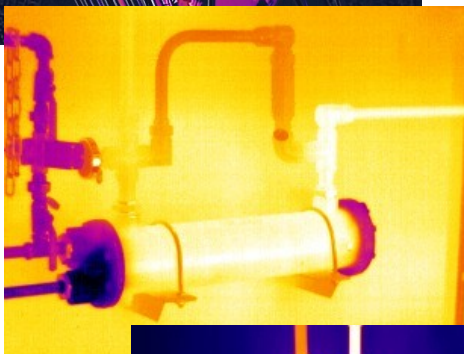
## D300 Advance Level

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

Duo Vision Plus add additional clarity to the thermal image by using a digital overlay. Duo Vision Plus also works well with it's 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.



## Key Features

- New Style of Platform
- High Speed Processor
- IR/Digital/Duo-Vision/Duo-Vision Plus
- Laser Ranging
- Adaptable LCD Display
- Motorised Lens
- 5 MP HD Camera
- 8 Hours of Battery Life

# D300 Specifications

<b>Image Performance</b>	
Detector Resolution	384x288
Thermal Sensitivity (N.E.T.D)	≤0.04°C@30°C
Spatial Resolution	1.09mrad
Emissivity	Adjustable from 0.01~1, and can be selected from the built-in material list
Field of View (F.O.V)	24°x17°
Spectral range	7.5~14μm
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/Duo-Vision Plus/Picture in Picture
Visible Pixels	HD 5MP Digital Camera
LCD Display	3.5" Capacitive Touch Screen
Video Output	NTSC (60Hz) or PAL (50Hz) composite video
Digital Zoom	1x to 10x, continuous
Video auto record	Every 4 seconds
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	232mm×115mm×168mm
<b>Additional Features</b>	
Built-in Memory	Yes
Battery Life	8 Hours
Ports	USB Type C
Languages	English, Simplified Chinese, Traditional Chinese, Spanish, German, French, Korean, Japanese,
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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