

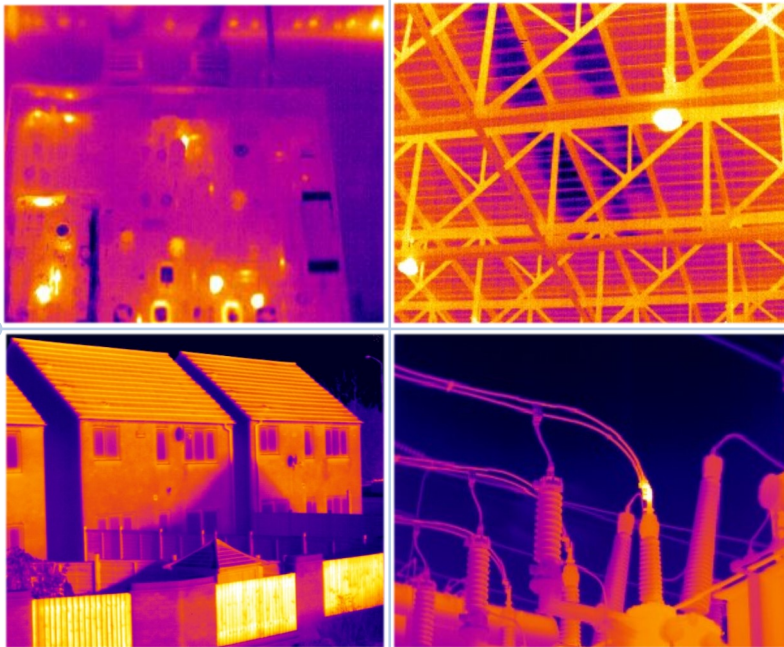
## SATIR D300

### *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

Marley's Lane, Drogheda, Co. Louth, Ireland

Tel: + 353 (41) 9846786

Email: [enquiry@satir.com](mailto:enquiry@satir.com)

Website: [www.satir.com](http://www.satir.com)

| Camera Name                                   | D300  |
|---|---|
| <b>D300 Specification</b>                     |   |
| Detector Resolution                           | 384x288   |
| Thermal Sensitivity (N.E.T.D)                 | ≤0.04°C@30°C  |
| Spatial Resolution                            | 1.09mrad  |
| 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                                       |
| 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

Marley's Lane, Drogheda, Co. Louth, Ireland

**Tel:** + 353 (41) 9846786

**Email:** enquiry@satir.com

**Website:** www.satir.com