

# D300

# SATIR

## Middle Level

High 384x288 resolution detector  
and laser ranging



**24 YEARS IN THE BUSINESS**  
**12 YEARS IN EUROPE**



**Assembled and serviced in Ireland**

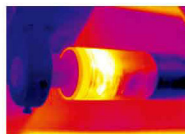
## Introduction

**Excellent imaging quality:**D300 applies the new image processing technology, which reduces the noises, together with the excellent performance of the 384x288 infrared detector, D300 provides high quality infrared image with clear and fine details.

**5 mega pixels CCD:** D300 integrates the 5 Mega pixels CCD, providing the users with absolute clear visual image.

## Features

- The unique Duo-vision Plus technology
- large storage capacity(built-in)
- 5 mega pixels CCD
- Excellent imaging quality
- IR video recording
- Flip and rotatable LCD
- Laser ranger finder(LRF)
- Port type C



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

### SATIR Europe (Ireland) Company Limited

ADD:MARLEYS BUSINESS PARK,MARLEYS LANE,DROGHEDA,CO. LOUTH,A92 PX6P,IRELAND  
TEL: +353 (0)41 9844371 EMAIL: enquiry@satir.com

### SATIR Trade UK Co. Limited

ADD:MARLEYS BUSINESS PARK,MARLEYS LANE,DROGHEDA,CO. LOUTH,A92 PX6P,IRELAND  
TEL: +353 (0)41 9844371 EMAIL: enquiry@satir.com



## Middle Level

High 384x288 resolution detector and laser ranging



## D300 Specification

<b>Type</b>	D300
<b>Image performance</b>	
FOV/Min.focus distance	24° x18°/0.15m
Spatial resolution	1.3 mrad
Thermal sensitivity	≤0.04°C@30°C
Detector type	UFPA
Resolution	384 x288 pixel
Spectral range	7.5-14um
Focus	Manual/Motor/Auto
<b>Image presentation</b>	
Image mode	IR/CCD/Duo-vision//Duo-vision Plus
LCD Display	3.5" Capacitive touch screen
Visible pixels	5MP CCD
Frame rate	50/60 Hz
color palette	6 palettes
Digital zoom	1 ~ 10 x
<b>Temperature measurement</b>	
Measurement range	-20°C ~ +650°C , up to +1500°C(optional)
Accuracy	±2° C or ±2% of readings
Measurement mode	8 movable spots, auto hot/cold spot, profile, area boxes, isotherm, line
Correction	Emissivity, ambient temperature, distance, relative humidity , reflected
Alarm	Yes
Languages	English/ German/ Chinese(simplified) / Chinese (traditional) / France/ etc
<b>Image storage</b>	
Type	16GB, up to 32GB
File format	.JPG(thermal/visual)
Annotation	Voice and note annotation
<b>Power system</b>	
Battery type	rechargeable lithium-ion battery
Charge interface	Type-C
Battery operating time	8 hours
Power manage	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 IEC60529
Shock	25G IEC60068-2-29
Vibration	2G IEC60068-2-6
<b>Physical characteristic</b>	
Weight	Less than 900g (incl. battery)
Tripod mounting	1/4" _20
<b>Additional features</b>	
Illuminator	Yes
Laser pointer	Yes
Ports	USB port (type C) , Analog video output
Bluetooth	Optional
Available optional lenses	7°, 12°, 48°

### SATIR Europe (Ireland) Company Limited

ADD:MARLEYS BUSINESS PARK,MARLEYS LANE,DROGHEDA,CO. LOUTH,A92 PX6P,IRELAND  
TEL: +353 (0)41 9844371 EMAIL: enquiry@satir.com



### SATIR Trade UK Co. Limited

ADD:MARLEYS BUSINESS PARK,MARLEYS LANE,DROGHEDA,CO. LOUTH,A92 PX6P,IRELAND  
TEL: +353 (0)41 9844371 EMAIL: enquiry@satir.com