

## SATIR D500

### *High Performance Industrial IR Camera*

The SATIR D500 has been designed with the user in mind to ensure that it is simple to use while delivering a high quality image with 640x480 resolution.

The D500 is a lightweight and compact tool that will allow you to take high quality pictures which are saved on a 32GB SD Card.

Ideal for Electrical Applications such as Pylons inspection survey, as shown below.

SATIR European Headquarters are based in Ireland, where all our products are assembled and serviced.



### Features

- Newly Designed Platform
- High measurement accuracy
- Temperature range is available up to 1000°C on request.
- 3.5 inch LED Screen
- 5 megapixel CCD
- Large Storage Capacity
- Long Battery Life
- Interchangeable Lens

Product Display may Vary

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Camera Name	D500
<b>D500 Specification</b>	
Detector Resolution	640x480
Thermal Sensitivity (N.E.T.D)	≤0.05°C@30°C
Spatial Resolution	0.65 mrad
FOV	24°X 18°/0.30m
Spectral Range	7.5-14um
Focus Mechanism	Manual/Auto
<b>Measurement</b>	
Temperature Range	-20°C ~ + 350°C, (up to 1000°C Optional)
Accuracy	±2°C or ± 2% of readings
Measurement Mode	Auto hot/cold spot, area boxes
Measurement Correction	Emissivity, Ambient Temperature, distance, relative humidity, reflected temperature
Temperature Alarm	Yes
<b>Image Presentation</b>	
CCD Parameter	High Definition CCD, 5 million pixels
LCD Display	3.5" LCD Screen
Image Mode	IR/CCD
Image Storage	SD Card up to 32GB
<b>Environmental</b>	
Encapsulation	IP54
Shock/Vibration Resistance	25G/2.5G
Operating Temperature	-10°C ~ +50°C
Storage Temperature	-40°C ~ +70°C
<b>Power System</b>	
Battery Type	Rechargeable Lithium Metal Batteries
Battery Life	5 Hours
External Power Supply	Power Supply and Charge at the same time
<b>Physical Characteristics</b>	
Weight (Includes Battery)	≤0.66kg
Camera Size	262x97x119 (mm)
<b>Additional Features</b>	
Digital Zoom	2x, 4x, 8x
Optional Lenses	Telephoto wide angle lens available

Please be aware specifications can vary from time to time

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