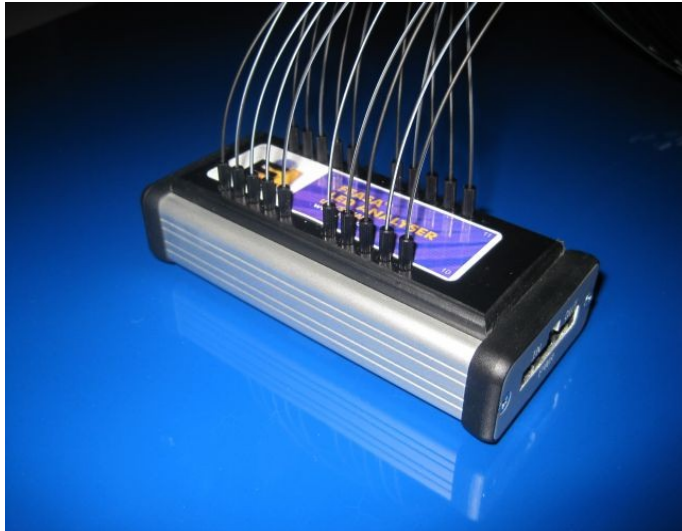




FEASA™ Infrared(IR) LED Analyser



Applications

Automotive

- Rain Sensors
- Lane Departure
- Collision Avoidance
- Blind Spot Detection
- Number Plate Recognition

Security

- Infrared Illumination

Industry & Education

- Interactive Whiteboards

The Infrared LED Analyser measures the wavelength and relative power of Infrared LEDs' and sources. It has been designed to work in a manufacturing environment where reliability and throughput is a requirement. The OH-8IR Optical Head is used in conjunction with the Analyser to ensure stability of measurement.

Operating Range 700nm to 950nm

Excellent Repeatability for Wavelength & Intensity

Ideal for Automotive Sensing, Security & Surveillance Applications

Available in 3 , 10 and 20 Channel Models

Comprehensive package includes Feasa User Software and Labview Drivers.

AVAILABLE INTERFACES

USB 2.0 – The LED Analyser can be powered from this port.

The **RS232 Serial Port** is easy to use. It requires the use of an external power supply and has programmable baud rates.

Daisy Chain

Multiple LED Analysers can be connected together using the Daisy Chain Connectors.



Feasa Enterprises Ltd.

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FEASA™ Infrared(IR) LED Analyser

SPECIFICATIONS

OPTICAL Total Operating Wavelength Range	700nm to 950nm
ACCURACY Wavelength 700nm to 750nm Wavelength 751nm to 900nm Wavelength 901nm to 950nm	$\pm 20\text{nm}$ $\pm 10\text{nm}$ $\pm 20\text{nm}$
REPEATABILITY Wavelength Intensity	$< 1\text{nm}$ $< 1\%$
ELECTRICAL Supply Voltage Supply Current	5.0V 180mA
PHYSICAL Dimensions of 3, 10 Channel Dimensions of 20 Channel Fiber Length Fiber Diameter Minimum Bend Radius of Fiber Operating Temperature Range	86mm x 57mm x 55mm 127mm x 57mm x 55mm 0.6m 1.04mm \pm 0.03mm 50mm 0°C to +50°C

ORDERING INFORMATION

Wavelength 700nm to 950nm Feasa 3 Channel Infrared LED Analyser Feasa 10 Channel Infrared LED Analyser Feasa 20 Channel Infrared LED Analyser	Part No.: Feasa 3IR Part No.: Feasa 10IR Part No.: Feasa 20IR
Optical Head Infrared(IR) LED Analyser	Part No.: OH-8IR



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