

Ired

1D-Infrared scanner for basic log geometry measurement

Iras

2D-Infrared scanner to measure length, diameter, curvature, and ovality of logs



Ired

Ired is a fast and straightforward infrared measurement solution determining log outlines for basic optimization tasks. The solid measuring module accurately recognizes diameter, length, taper, and volume of logs, proven in over 1,500 installations worldwide.

Ired features

- × Proven measurement system for logs
- × Measures log diameter, length, taper, and volume
- × Rock-solid hardware to withstand extreme weather conditions
- × Easily installed and serviced in any plant
- × Offers an irresistible cost-benefit ratio

Ired is the right choice for determining diameter, length, taper, and volume of your logs. iRed can be used for all software applications needing basic shape measurement.



Iras

Iras Angle Scanner is a two-plane angle infrared scanner for log measurement. The scanner measures the dimensional characteristics of logs.

The angular arrangement of the modules avoids accumulations of dirt and significantly reduces downtime and maintenance costs. Iras Angle Scanner does not interrupt the conveyor belt. Thanks to specifically designed filters, Iras is dust insensitive and measures reliably regardless of light influences. Iras Angle Scanner is an essential solution for open-air measuring systems that qualifies for all log and merchandizing yards and saw infeeds.

Iras Angle Scanner integrates seamlessly with the log and merchandizing yard control software [Winlog](#) Sorting Optimization or [Interopt](#) Bucking Optimization.

Iras features

- × Advanced two-plane angle scanner for log measurement
- × Measures length, diameter, curvature and ovality of logs
- × Without interruption of the conveyor belt
- × Special module arrangement reduces maintenance and downtime
- × Insensitive to light or dust

Features	Ired	Iras
Technology	parallel infrared scanner modules	2 angular infrared sources and 2 high-resolution sensors
Measuring area	500 mm up to 1200 mm (51 in)	500 mm up to 1000 mm (39 in)
Resolution	1 mm (0.04 in)	2 mm (0.08 in)
Housing	WWDV proof housing (water, weather, dust, vibrations)	



World leading wood scanning solutions

Ired



Iras



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