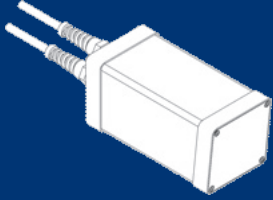




AR4000



- RUGGED CASE
- OUTDOOR USE
- FASTEST SAMPLING
- DARK TARGETS

The AR4000 laser rangefinder is Acuity's unique, mid-range distance measuring sensor. Using patented time-of-flight measurement principles, this device measures beyond sixteen meters with sharp resolution. This instrument is ideal for heavy industrial applications requiring measurement of long distances at fast speeds.

Long Range at High Speeds

The AR4000 is one of the industry's longest-distance rangefinders that can measure at extremely high refresh rates. This model can track targets up to 16.5 meters away, with 0.3 mm resolution and at a sampling rate up to 200 KHz when using an external interface card.

High Accuracy

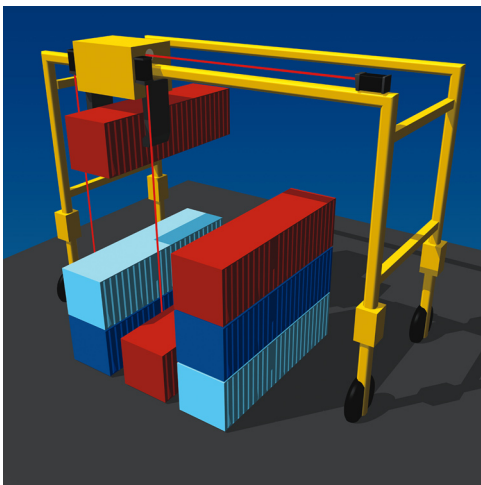
Our patented approach to time-of-flight measurement yields tremendous accuracy, even at long distances. Our minimal-diverging laser beam spot can measure to small targets.

Enduring tough environments

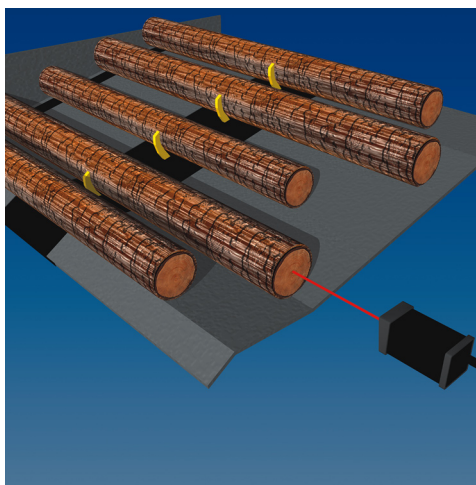
The AR4000 series rangefinders are designed in NEMA-4 rated enclosures and can withstand tough industrial environments. Thorough electrical insulation makes this sensor reliable in high-noise environments.

AR4000 Applications

Port crane positioning



Log measuring and positioning



Paper roll width and loop control

