

Raven™ 12

Thickness + Coating Sensor

LiteSentry™

Setting the Standard in Glass Inspection

ENSURES
CORRECT
COATINGS AND
CORRECT
SURFACES IN
REAL TIME

NON-CONTACT
OPTICAL
INSPECTION
OF ALL GLASS,
ALL THE TIME

PREVENTS
INCORRECTLY
ASSEMBLED
IG UNITS

RAVEN™ 12 Thickness + Coating Sensor

The Raven™ by LiteSentry™ measures moving or stationary glass to +/-0.1 mm in real time. The non-contact glass thickness sensor mounts in any orientation on the glass line – above, below, front, or rear. Its rugged aluminum and steel housing is designed for demanding industrial environments.

The Raven provides 100% inspection and automated data collection, replacing periodic human inspection. The Raven sensor monitors glass thickness, coating, and coated side. It also can be used to conform IG make-up, including glass thickness and airspace gap.

RAVEN™ 12 Integrated Controller

The optional Integrated Controller (IC) provides an alarm when detecting glass presented in the wrong orientation. The Raven IC will detect glass thickness and coating, sounding audible and visual alarms when glass is out of conformance with user-defined criteria.

The Integrated Controller includes a processor, user-defined alarms, LCD screen, 24 VDC power supply, power distribution, and audible and visual alarms.

The Bottom Line
The Raven confirms critical dimensions and eliminates costly errors. When quality is on the line, the Raven sees it all!

Features

- » LED-based spectrometer, integral electronics, and embedded algorithms
- » Real-time, 100% inspection at glass velocities up to 700 mm/s
- » Discriminates clear from single, double, and triple silver, and 4th surface (i89 or IS15) low-E coatings
- » Thickness measurement range: 0–35.0 mm
- » Accurate to +/-0.1 mm for 0–8 mm glass thickness and +/- 0.2 mm for 9–35 mm glass thickness
- » Outputs: Local alphanumeric LCD display of thickness and coating and remote XML output

LiteSentry™ Corporation

1403 F Heritage Drive
Northfield, Minnesota 55057 USA
TEL: +1.507.645.2600
EMAIL: sales4@litesentry.com

LiteSentry.com

