



## SCALESENTRY™ SHRINK MONITORING/PREVENTION SYSTEM

In an ongoing effort to provide greater value with Scanner/Scale products, Datalogic has continued research into the problem of reducing 'shrink' on weighed items at the POS.

Using proven and reliable solid-state technology, Datalogic has developed ScaleSentry™, a non-intrusive way to alert cashiers of a possible shrink event. This technology uses an infrared transmitter and receiver mounted in the bonnet of the Magellan™ 9800i scanner/scale to transmit an infrared light beam (invisible to the human eye) along the two outer edges of the scale platter.

With ScaleSentry, if a weighed item extends into and blocks the infrared beam, an LED indicator flashes and/or a tone sounds to alert the cashier of a potential shrink event.

To minimize 'false positive' alerts, the LED indicator does not flash unless all three of the following conditions are met:

- One of the Infrared light beams is blocked
- The scale shows a stable weight
- There must be a weight request from the POS

When these three conditions are met, the scanner stops the transmission of the scale weight and sends a 'scale-in-motion' signal back to the POS while alerting the cashier that an error condition requires attention.

The benefit of this process is that when the cashier now moves the offending item to a proper place on the weighing surface using the All-Weighs platter, the LED indicator stops flashing and the stable weight is immediately sent to the POS.

The impact on throughput is minimal and the store benefits from a reduction in weighed item shrink!

## BENEFITS

ScaleSentry helps to prevent produce and bulk food shrinkage at the point of sale. We can show you how much this can save you. Just imagine...

IF...

- Your company has \$1 billion (USD) in annual sales

AND IF...

- 12% of those sales are produce (\$120M)

AND IF...

- 63% of the produce is weighed (\$60M)

Just .5% of improved weight accuracy

EQUALS...

\$378,500 SAVINGS ANNUALLY!

### Available on the Following Product:

Magellan™ 9800i



The ScaleSentry™ technology prevents shrink by detecting items placed outside the weighing area.

How it works:

1. Infrared light beams monitor the edge of the weighing area (see the illustration on page 1).
2. When the beams are interrupted, a tone is sounded, a visual indicator light appears (Fig. 1), and the Magellan 9800i scale will not register a weight (Fig. 2).
3. The cashier is alerted by the tone and the visual indicator. The transaction cannot proceed until the placement of the product is corrected.



4. Once the correction has been made, the visual indicator light is deactivated (Fig. 3) and the scale sends the correct data to the POS (Fig. 4).

**Note:** The tone, visual indicator and weight transmission settings can be adjusted to the retailers' specifications.

