

PresencePLUS® P4 Sealed Vision Sensor

Vision Value Event Models

Models	Vision Tools	Lens Cover	Premium Tools
P40RS-P-BCOC	OMNI Gray Scale	Plastic	Bar Code Reader & OCR/OCV
P40RS-G-BCBD		Glass	Bar Code Reader & Bead



NOTE: Lighting, lenses and cordsets ordered separately.



Powerful Inspection Capabilities in a Compact, Robust Housing

- ▶ Sealed IP68 housing and connectors to withstand dust, moisture and washdown
- ▶ Compact and durable nickel-plated aluminum housing to tolerate shock and vibration
- ▶ A complete suite of location, inspection, analysis and geometric tools; all can be used simultaneously for inspecting multiple features and complex applications
- ▶ Proven user interface common to all PresencePLUS sensors
- ▶ Intuitive Wizard-like setup procedure and common graphical interface; supports nine languages
- ▶ Ethernet, serial, flexible discrete I/O and real-time video output in the same full-featured sensor
- ▶ ActiveX utilities for exporting inspections, images and results

Act now to save up to \$1500 in premium inspection tools.

P/N 146280

Email: sensors@bannerengineering.com
 Toll-free: 888-373-6767 • www.bannerengineering.com
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Banner Engineering Corp.

- ▶ Banner quality products with global availability
 - ▶ Rapid customization with most products shipping in 3 days or less
 - ▶ Industry's largest force of application engineers to solve your toughest challenges
 - ▶ More than 3,000 factory and local field representatives to serve you
- 40-plus years of sensor design experience, quality control, sales support and cost-effective solutions:**

more sensors, more solutions



Vision Value Event 2009



**PresencePLUS® P4
Sealed Vision
Sensors**

**Limited Time
Offer!**



more sensors, more solutions

www.bannerengineering.com/P4offer

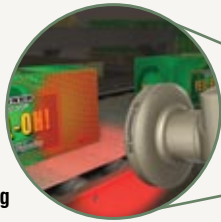
1.800.213.3398

Sealed *PresencePLUS*[®] P4 solves a wide range of applications in challenging industrial environments.

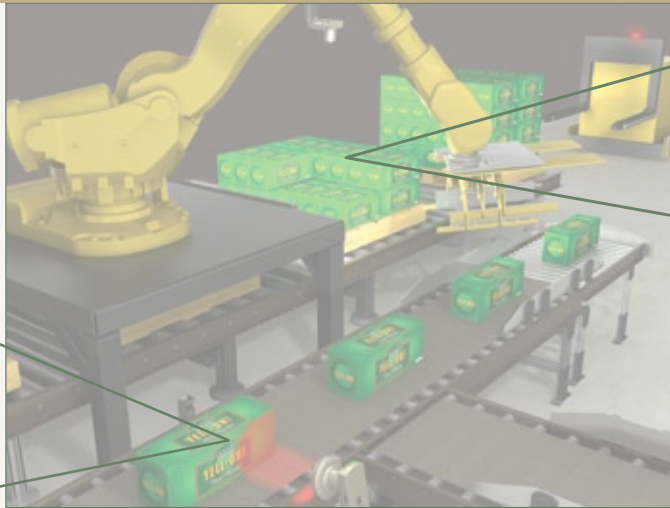
Packaging

Heavy-duty housing withstands the abuse of rugged packaging environments.

- Palletizers: Pack pattern verification
- Case packers: Complete case inspection
2D & 1D bar code reading
- Labelers: Label presence/orientation
- Closers & sealers: Open flap detection



2D & 1D Bar Code Reading



Pack Pattern Verification

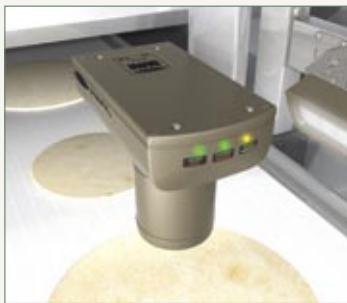
Pharmaceutical & Medical



Self-contained, IP68-rated and compact housing provides ease-of-maintenance in washdown and cleanroom environments.

- Stopper placement and color verification
- Vial, syringe and IV bag filling inspection
- Insert/outsert presence verification
- Blister package inspection
- Bar code and date/lot code verification
- Syringe assembly inspection

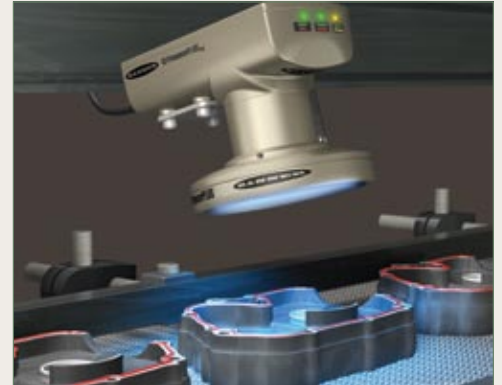
Food & Beverage



Robust, IP68-rated housing tolerates high-pressure spray and heat found in food manufacturing and packaging.

- Cap presence and position inspection
- Fill level tracking
- Food quality and packaging monitoring

Automotive



Nickel-plated housing is designed to provide robust, reliable operation in difficult industrial environments (including welding).

- Adhesive bead inspection
- Drilled hole inspection
- Assembly verification
- 2D & 1D bar code reading
- Process error proofing

A choice of lighting

- ▶ A complete selection of lighting, including IP68-rated lights
- ▶ Rugged, maintenance-free LED lighting in red, green, blue, white and infrared
- ▶ High-intensity lighting with built-in universal strobe control and power regulation; no external controller or power supply required



Limited Time Offer*

Contact us now to save
up to 37%!

Toll-free: 1.800.213.3398

or

To buy online or request a white paper on the keys to successful vision inspections in challenging environments, go to
www.bannerengineering.com/P4offer

* Offer ends December 31, 2009.



A Whole New Way of Looking at Things iVu series_{TG}

Touch screen image sensor puts high-performance inspections at your fingertips. No PC required!

