

# WEB INSPECTION SYSTEMS



Detect Defects in Paper & Plastic Webbing

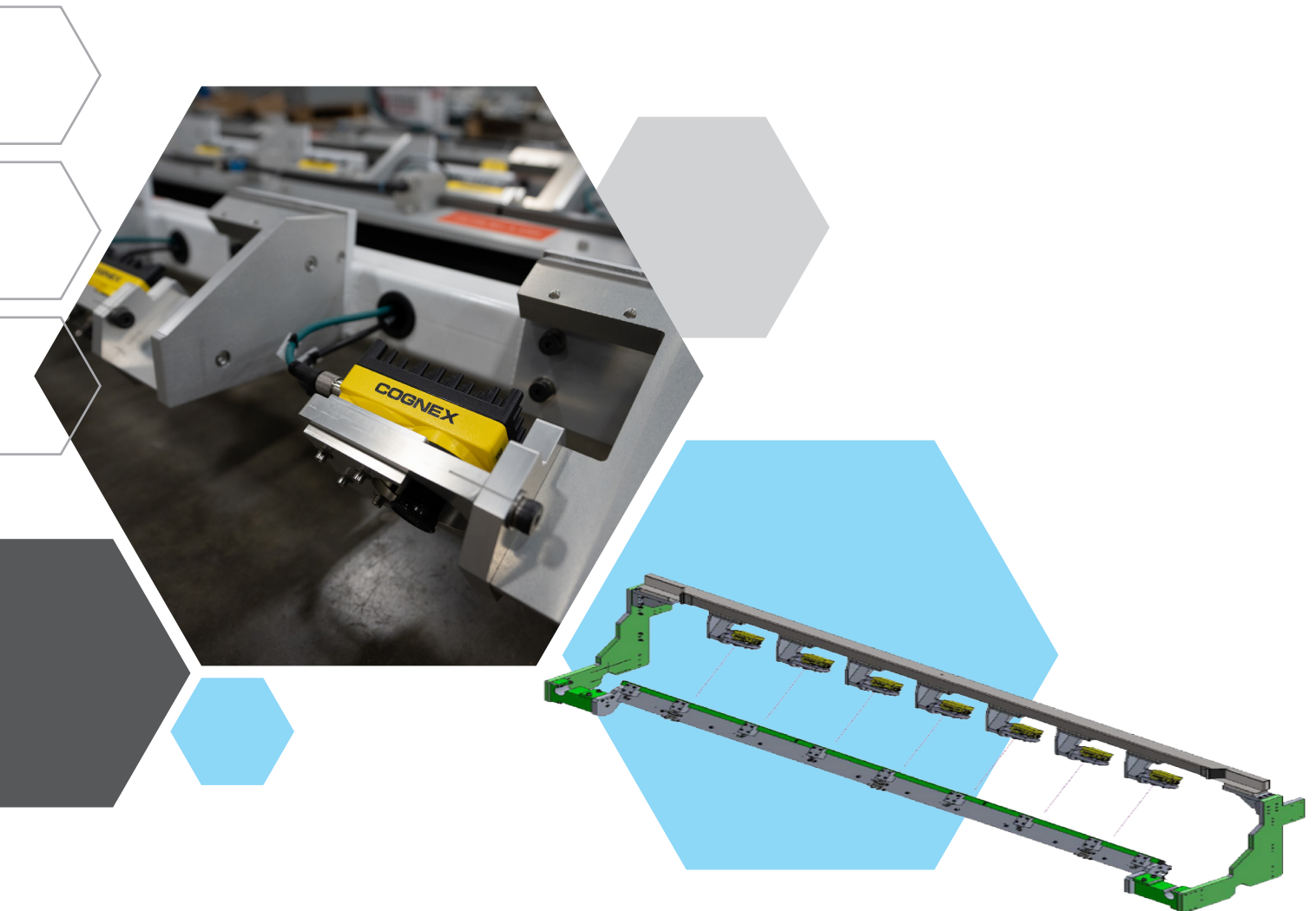


# HIGH-SPEED WEB INSPECTION SYSTEM

## Detect Holes, Damaged Edges, Perforation Depth, Splices, Artwork, or Misaligned/Mis-Layered Webbing

Our EPIC high-speed web inspection system allows you to combine several web inspections into one automated quality system. Identify, measure and eliminate defects that can undermine the integrity of your webbed products. For products with multiple layers, ensure layer and feature formation is correct as products are formed.

Our linescan technology combined with our proprietary software and lighting design is superior to other common web inspection systems because it reduces blur at high speeds and allows for inspection of features down to 1-2 millimeters in size. Quality can be inspected on 100% of the web at realtime speeds and precise features can be identified, measured, and signaled for reject tracking or web marking systems.



## System Features

<b>SUITABLE FOR</b>	<p>Highspeed paper or plastic webbing such as plastic packaging, paper personal or baby care products, wraps, and other continuous webs</p> <p>Appropriate for the following equipment:</p> <ul style="list-style-type: none"><li>▪ Web converting/making equipment</li><li>▪ Web combining/converting equipment</li><li>▪ Rewinders and secondary web process</li><li>▪ Printing equipment</li></ul>
<b>LINE SPEEDS</b>	Up to 10 meters-per-second or 2,000 feet-per-minute
<b>SYSTEM HIGHLIGHTS</b>	<ul style="list-style-type: none"><li>▪ Improves web quality by inspecting every millimeter of high speed moving webs and accurately identify defects that can undermine web integrity, including:<ul style="list-style-type: none"><li>– Defects that cannot be seen with the naked eye.</li><li>– Micron sized holes on plastic films measure micro holes (.080”) relative to art/graphics</li><li>– Perforation presence and depth</li><li>– Features as small as 1 millimeter across a ten foot wide web or measured in X/Y dimensions +/- 0.5mm, 1,100 ppm</li><li>– Holes/voids in continuous adhesives applied to paper backing including holes and voids in adhesive strips down to 1-2 millimeters</li></ul></li><li>▪ Delivers 99.9+% accuracy with 1 false fail/pass in 1,000 feet</li></ul>
<b>OPTIONAL UPGRADES</b>	<ul style="list-style-type: none"><li>▪ Detection and measurement of intentional features such as perforations, holes, registration marks, and position/alignment to artwork and graphics features</li><li>▪ Height adjustments for multi-product lines</li><li>▪ Higher or lower part rates</li><li>▪ Stainless steel stands suitable for food manufacturing</li><li>▪ Reject tracking and integration</li></ul>

## Technical Specifications

<b>CAMERA</b>	Cognex Insight Linescan Camera(s)
<b>SOFTWARE</b>	Cognex
<b>MOUNTING METHOD</b>	Mounting brackets to OEM equipment
<b>PHYSICAL HARDWARE</b>	<ul style="list-style-type: none"><li>▪ Control Panel</li><li>▪ HMI touchscreen interface</li><li>▪ Light(s) and lens for high contrast image formation</li><li>▪ Calibration and alignment fixtures</li></ul>



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- The chemicals you use in your home aren't leaking
- The products you use on your pets are made correctly
- And many other ways

## How can we help you improve your operations, your product, and your customers lives?



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