

ADVIZINT TECHNOLOGIES



Vision in a Box

Custom vision system solutions delivered and ready-to-use in as little as 4 weeks

Our experts work closely with your team to create a custom Vision in a Box (VIAB) solution for your specific application. We know that all vision applications are not the same, which is why we tailor our system to meet your unique needs.

Machine Vision Features & Options

- 2D or 3D inspection
- Up to 16MP resolution
- Cognex Edge Learning or ViDi (AI Deep Learning)
- Rule-based vision tools
- Color detection
- Custom lighting
- Multiple recipes to measure different features of varying parts
- Complex analysis with multiple images
- Automatic Z-axis adjustment for parts of varying sizes

Integrations

- Custom, UL-listed NEMA 4 enclosure
- Simple user interface:
 - Recipe management
 - Clear pass/fail status
 - Key measurement metrics
 - Historical trending of measurement data
- Easily integrated to existing systems
- Optional remote connectivity available:
 - Quick, no-hassle remote support
 - Advizint experts remotely configure new measurements
 - Easily air gap the remote connectivity for added security

COGNEX



image compilation
of interior
compartments for
illustrative purposes

The VIAB Process

Custom Vision in a Box solutions can be on site and ready to use in as little as 4 weeks



Define Vision Needs

Our experts consult with your team to define your unique vision inspection needs.



Feasibility Testing

You provide example parts for Advizint experts to demonstrate our VIAB solution capabilities.



Solution Approval

With your approval, our team moves forward with developing your custom VIAB solution.



Fabrication of Your VIAB System

Advizint fabricates and configures the custom VIAB system to measure the required aspects of all parts.



Demonstration

Advizint demos the new VIAB system to your team. Demos can be done remotely or in-person at our facility. We also can combine this demo with training for your team.



Your System is Shipped

Advizint packs and ships your VIAB system directly to your facility.



System Commissioning

Standalone VIAB systems will be plug-and-play. For integrated systems, Advizint will provide the integration to your existing processes.

**We solve the toughest problems in manufacturing.
Let us solve yours. Contact us today.**

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www.advizint.com
info@advizint.com
336-223-5734