LearyVIEW
FLEX

Leary**VIEW** **FLEX**

The LearyVIEW Flex multi-camera inspection system monitors for glue inside and outside of a specified region, missing flaps, handles, folds and skewed product and is suited for all carton or box applications.

Eliminate inside glue stickers on high-speed straight-line machines or utilize complete QA inspection on 6-pack beverage carriers, all using the new LearyVIEW Flex intuitive and simple operating software.

With the ability to set different tolerances for the front and the back of glue patterns, this camera solution reduces waste by allowing minor preset variation of less

critical elements while keeping tight tolerances on glue pattern areas that require it.

Once a "Golden Image" is created, this can be stored in the job memory and provide a reference for all future runs ensuring that quality remains forever consistent from first carton to last.

Any defect that results in product rejection is stored in Monet's reject fail list for quick access to recent failures. The reject list can be used to access the live image of the failed product for easy-to-view analysis and corrective actions.
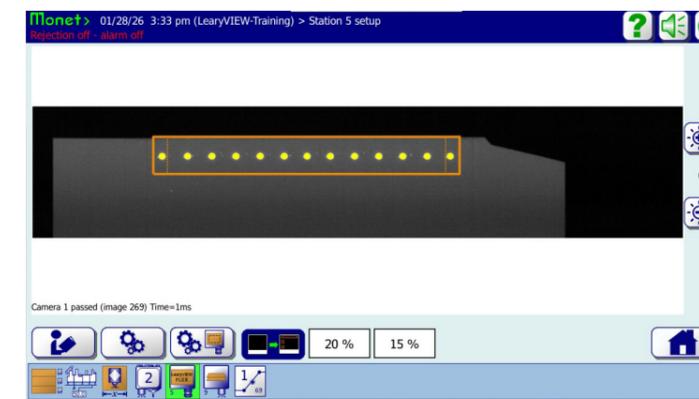
- Up to 4, multi-use cameras for maximum inspection
- Inspect glue in desired target area up to 685 mpm (2,250 fpm)*
- Inspect specks of glue outside of target area as small as 2 mm wide
- Monitor for flaps and folds visible in the camera's field of view
- Skewed carton inspection
- Multiple camera options based on FOV size
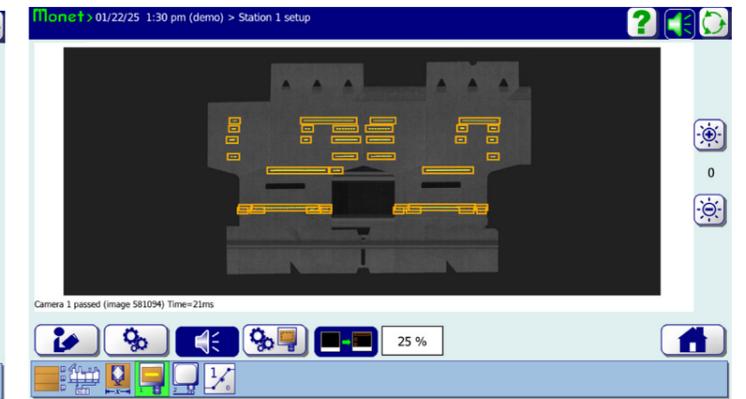
* Based on camera and speed selection

- Simple camera setup on Monet 3.2 operating screen
- 53 cm (22 in) 16:9 wide screen
- Remote diagnostic capability for post-installation support
- Ideal Use:
  - Beverage carriers
  - High speed straight line
  - Confectionery and stencil glue pattern cartons
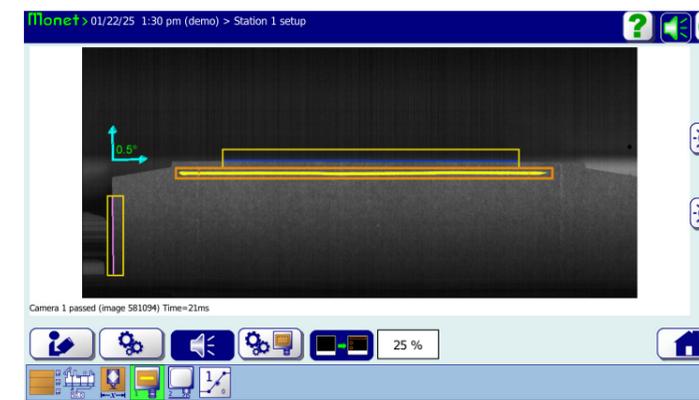
MULTI-CAMERA INSPECTION

LearyVIEW Flex camera inspection can operate as individual functions or multi-functional with glue, handles, flaps and skew inspection.
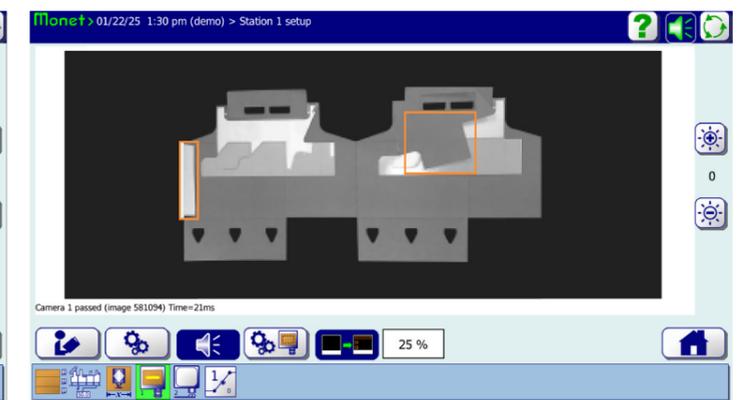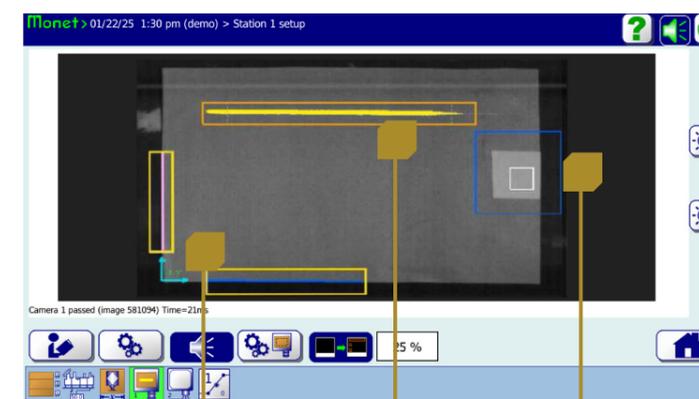
Fourth panel glue inspection
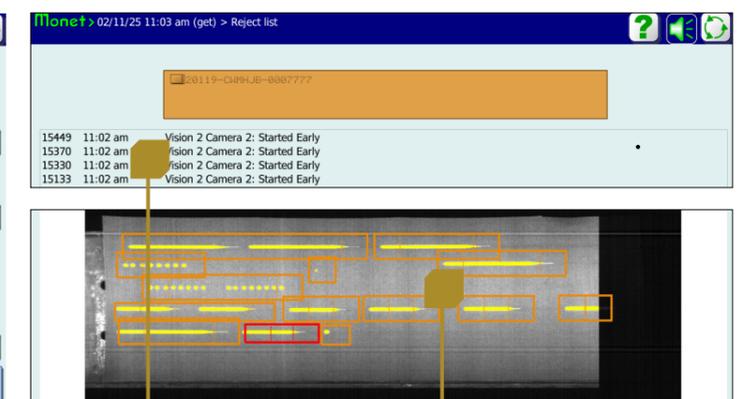
Beverage carrier glue inspection

Skew inspection

Handles and Flaps inspection

Skew inspection   Glue inspection   Flap inspection

Reject failure list   Past failure image

POWER REQUIREMENTS
- Voltage: 85-264 VAC
- Frequency: 47-63 Hz

SYSTEM REQUIREMENTS
- Leary Array controller
- 3365 controller processor or higher
- Available pattern station with valve output
- Ethernet port on the controller
- Monet version 3.2 or higher

UNIQUE FEATURES
- Flex button security for benchmark settings
- Display dual cameras on screen when used with same station
- View last 100 captured images
- Lamp intensity control accessible from Monet screen and saved with job settings

COMPLETE SYSTEM INCLUDES
- LearyVIEW controller
- Inspection camera
- UV Lamp
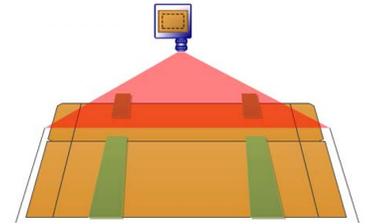- Mounting hardware
- Cables and trigger

LEARYVIEW FLEX CONTROLLER
- Dimensions:
  - 44 cm (17.0 in) w
  - 31 cm (12.3 in) h
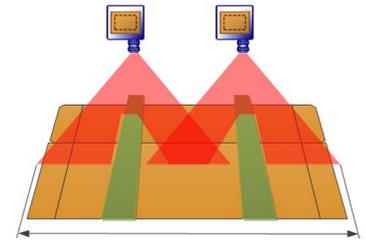 - 27 cm (10.8 in) d
- Weight: 12 kg (25.5 lbs)

CONFIGURATION OPTIONS
- Choose dual camera option for increased FOV coverage
- Filter color option
  - Blue: Standard
  - Green: Ideal for recycled board
- Glue inspection requires an additional lamp for UV inspection

CAMERA STYLE

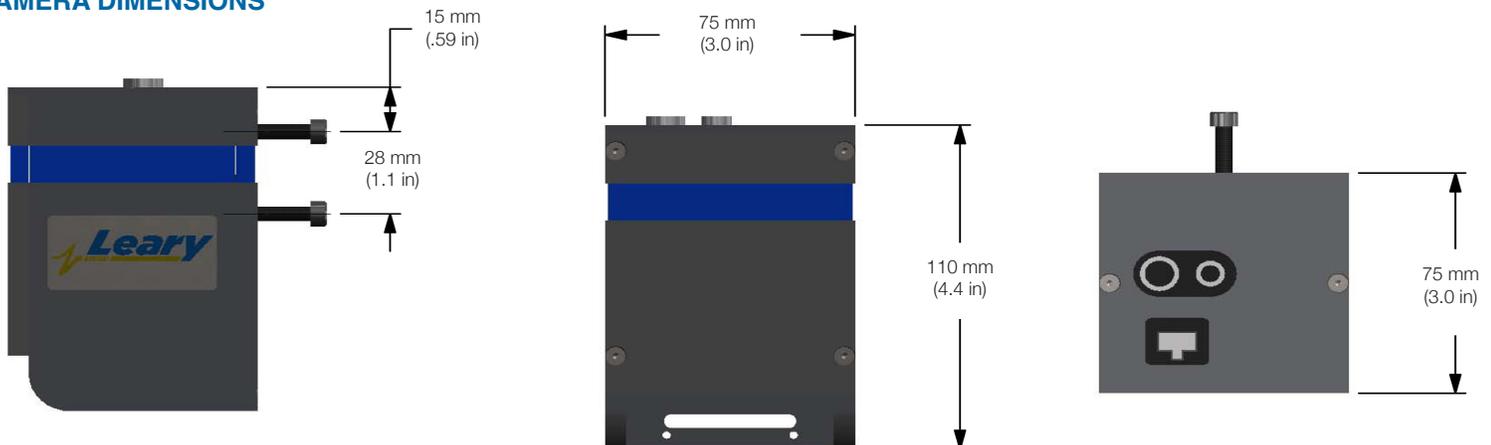FOV distance (single camera)

FOV distance (dual camera)

CAMERA OPTIONS

FOV	# of cameras	Lamp to carton distance	Camera mounting position
50 mm (1.9 in)	Single camera	225 mm (8.9 in)	Lower*
100 mm (3.9 in)	Single camera	225 mm (8.9 in)	Lower
325 mm (12.8 in)	Single camera	225 mm (8.9 in)	Lower
520 mm (20.5 in)	Single camera	225 mm (8.9 in)	Lower
520 mm (20.5 in)	Single camera	225 mm (8.9 in)	Higher
1,040 mm (40.9 in)	Dual camera	225 mm (8.9 in)	Higher

FOV = Field of View is centered on machine unless the optional side to side adjustment is specified.

* A lower mounted lamp allows the inspection solution to be portable.

CAMERA DIMENSIONS

15 mm (.59 in)

28 mm (1.1 in)

75 mm (3.0 in)

110 mm (4.4 in)

75 mm (3.0 in)