



INNOVATE. CREATE. **ADVANCE.**

[www.AllianceAutomation.com](http://www.AllianceAutomation.com)

1100 John Brown Rd.  
Van Wert, Ohio 45891

419.238.2520

# GUARDIAN

ASRS PROTECTION  
SYSTEM

Your Shield  
Against Crashes  
and Downtime!



# Guardian - Product Overhang Detection System

CROOKED AND SKEWED STACKS ON PALLETS OR IMPROPER PLACEMENT OF PALLETS ONTO SERVICE BOARDS LEADS TO MISALIGNMENT AND CRASHES IN AUTOMATED STORAGE AND RETRIEVAL SYSTEMS (ASRS).

## INSTANT FEEDBACK OF PRODUCT OVERHANG

GUARDIAN UTILIZES HIGH-END MACHINE VISION TECHNOLOGY COMBINED WITH ADVANCED LIGHTING TECHNIQUES TO VERIFY THAT YOUR PRODUCT DOES NOT EXTEND BEYOND THE BOUNDARIES OF YOUR PALLET OR SERVICE BOARD.

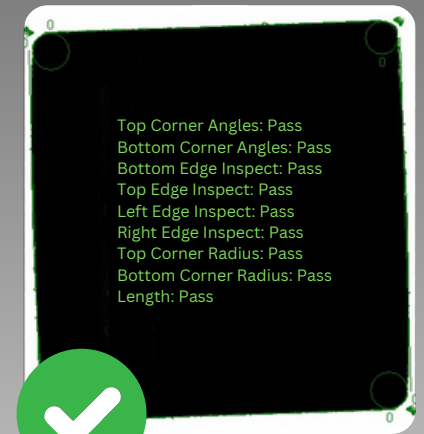
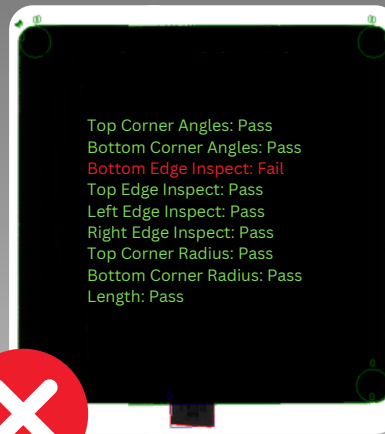
GUARDIAN CAN INSPECT AND OUTPUT TO YOUR LINE PLC WHENEVER A DEFECTIVE PALLET LOAD IS FOUND ALLOWING OPERATORS TO CORRECT THE PROBLEM BEFORE IT CAUSES A CRASH.



Standard Pallet Dimensions  
Width: 54" Length: 54" Height: 77"



## INSPECT THE ENTIRE PERIMETER OF YOUR PALLETS



## GREAT IMAGING, GREAT INTEGRATION, GREAT RESULTS!

- GUARDIAN CAN DETECT OVERHANG OF PRODUCTS FROM THE TOP OF THE LOAD TO THE BOTTOM ON PALLETS OR SERVICE BOARDS.
- GUARDIAN CAN DETECT ISSUES WITH ANY TYPE OF LOAD OR DUNNAGE. IT CAN ALSO DETECT LOOSE PLASTIC WRAP HANGING OUTSIDE OF THE PALLET OR SERVICE BOARD
- OUR SYSTEM DESIGN AND PROGRAMMING CAN SEAMLESSLY INTEGRATE INTO ANY ASRS INTAKE PROCESS

**SHIELD YOUR PROCESS BY INVESTING IN GUARDIAN**