GRIDBOTS VALIDATOR

ARTIFICIAL INTELLIGENCE ENABLED AUTOMATIC QC SYSTEM

Gridbots validator is an advanced AI enabled automatic QC system which is best suited for today's high speed inbound and outbound warehouse lines - where the overall inspection process is taken care of by a fully automatic inline QC system.

The system is capable of looking for everykind of manufacturing defect - print defect - cosmetic defect - geometric defect down to 50 micron in size - validator also is capable of extracting useful data from the product stickers - outbound labels/inbound labels and cross matching them for validation purpose.The system also comes with unique image matching capability which lets it compare the realtime dispatched object with database image of the object from any viewpoint.

ONLINE HIGH SPEED CAMERA BASED INSPECTION	REAL TIME MATCHING OF EXTRACTED DATA TO DB	ADVANCED LED LIGHTING
AI ENABLED TEXT EXTRACTION SYSTEM	PRODUCT 3D PROFILING	HIGH UPTIME

gridbots

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TECHNICAL SPECIFICATIONS

Model	: GB-VALIDATOR-100
Defect Size	: 100 Microns and above
Defect Detection	: Appearance based-Cosmetic-Geometric
3D Profiling	: Real Time
GUI	: Intuitive, multi user control
Text Extraction	: Automatic from any printed surface
Usability	: Easy to use and Configure, Remote login and Maintenance, IOT ready system
Usage	: Directly mounted on inbound/outbound conveyor