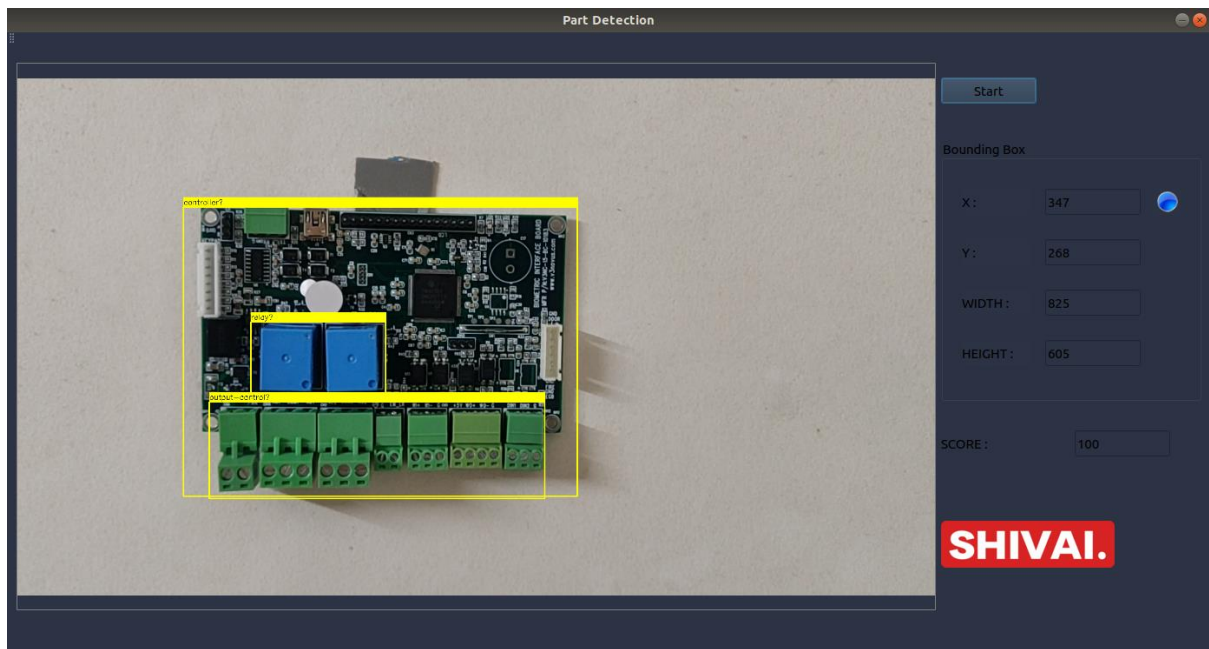




Computer Vision based Visual inspection trainer and inspector (controller) system for object and part detection powered by Artificial Intelligence.

Features – Visual Trainer (Product / Service)

- Quickly train models for custom objects and parts for visual inspection in stationary inspection mode as well as moving conveyer line
- No programming required, users can train any custom object with few clicks
- Clear and simple instructions with complete training provided to end user
- Model training process is automated with minimal inputs and efforts from users
- Validate trained models and fine tune prior to production deployment
- Standard and Customizable visual inspection management and reporting software

Features – Visual Inspector (Controller)

- Controller module runs completely offline, no internet connectivity needed
- Deploy models for custom objects and parts for visual inspection in stationary placement mode as well as moving conveyer line
- High speed and high accuracy detection algorithm powered by Artificial intelligence
- Customisable multiple detection result output options such as LED indicators, audio alerts etc;
- Customisable multiple Input signal provision to start and output signal to stop inspection process
- Reduced cognitive load for operators, less defects slipped
- No programming required, adapts to product changes
- Detect multiple of areas of interests on a product in seconds
- Manufacturers can run inspection models on-premises. The inspection can run fully autonomous on your factory shop floor.
- Save and record inspection results in database
- Standard and Customizable visual inspection management and reporting software

Specifications

Display	7 inches to 10-inch built-in touch screen External HDMI display supported
Storage Capacity in MicroSD	32 GB / 64 GB
Storage Capacity in SSD/HDD	120GB – 1TB, higher storage available
Reporting Facility	Desktop Reporting application with image data
Transactions	100,000
Operating System	Linux – Visual Inspector Windows – Visual Trainer and Reporting application
Hardware	Intel x86 Quad Core CPU / ARM based CPU 4GB RAM / 8GB RAM;
Communication	Wi-Fi, Ethernet
Data Transfer & Data Export	Database CSV File
Camera	5MP 1080p Full HD Industry Grade Camera
Input Interface	PLC controller / manual push button / automatic / Serial port communication
Output Functions	Colour LED indicators / Audio Alarm / Serial port communication
Power Supply	12 Volt DC
Working Humidity	20%-80%
Working Temperature	0°C ~ 45°C (32°F ~ 113°F)
Product Models	Visual Inspection (Controller) system only Visual Trainer and Visual Controller system
Database System	Local machine database or Cloud database (Web API)
Mounting	Multiple standard mount options with adjustable movement