

Application

Hunson Vision

Positioning system

A high-precision vision alignment system for accurate image alignment of LCD panels. It can also be paired with a SWIR CCD for image capture, achieving a penetrating image effect.

Size measurement

The vision system offers diverse dimensional measurement capabilities, enabling it to measure a wide variety of product dimensions. It can also quickly handle complex measurement needs.

Appearance inspection

AI-powered detection can reliably identify cosmetic defects such as scratches and foreign objects. Through AI-driven big data analysis, the distribution of defect types is identified for further analysis.



OCR+ Code Reading

The vision system can quickly read content from 1D and 2D barcodes. It can also perform OCR inspection. It can quickly identify and interpret product information printed or coded.

3D disordered grasping

Integrating core algorithm modules such as image processing, 3D recognition, motion trajectory planning, and collision detection, we develop powerful and easy-to-use standardized software that can be customized to meet specific needs.

Wafer Thickness Measurement

It uses spectral analysis to measure objects. It can detect any material, including transparent materials (such as glass and coated materials) with accurate measurements.

3D laser scanning

Mobile phone frame flatness inspection. Through rapid 3D laser scanning, 3D point cloud data of the product can be obtained, allowing for further measurement of the product's flatness.

AOI Machine Vision Manufacturing Integrating suppliers

Provides a one-stop service for AOI and machine vision.

Achieving efficient and reliable solutions and excellent service



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LINE@



Website



Product Introduction



Industrial Cameras

Smart Camera
GigE Camera
10 GigE Camera
USB 3.0 Camera
CIS Line Scan Camera
CXP Camera
Thermal Imaging Camera



Industrial Lenses

FA lens
Telecentric lens
Microscope lens



Light source & controller

Ring Light Source
Strip Light Source
Shadowless Light Source
UV Light Source
Point Light Source
Line Light Source
Ultra-Bright Flash Source
Light Source Controller



Industrial Computers

Miniature Vision Industrial PC
HN High-Performance Industrial PC
Standard Multi-Expansion Industrial PC
Touch Panel PC
Laser PC All-in-One PC



Visual Software

Intelligent Vision System
HNVision Builder
ESD Digital Monitoring System
AI Visual Inspection Software



Barcode readers

Intelligent barcode reader industrial camera
Fixed barcode reader
Handheld barcode reader



Industrial Wire

USB 3.0 Fiber Optic Cable
CoaXPRESS Cable
Camera Link Cable
Industrial Camera GigE Network Cable
Industrial Ethernet Cable
USB Cable
USB 3.0 A | Micro B Cable
USB 3.0 A | FB Cable



3D Structured Light

Hunson® HND Series High-Resolution 3D Camera
Hunson® HNH Series High-Speed 3D Camera
Hunson® HNR Series Random Snap 3D Camera
Hunson® HNS Series Ultra-High-Speed 3D Camera



Spectral Confocal Sensor

Ultra-high precision type
High precision type
Ultra-small spot type
Long distance type
Ultra-wide angle type
Ultra-small size type
High resolution type
High light intensity type



Sensors

Fiber Optic Amplifier
Fiber Optic Sensor
Photoelectric Sensor
Laser Sensor
Proximity Sensor | Tag Sensor
Safety Light Curtain
Sensing Fiber Optic Cable



Instantaneous Inspection Machine

HN-100 & HN-1030 Series
HN-190Pro Series
Horizontal Image Dimension Measuring Instrument
Fully Automatic Flash Measurement Instrument



2D/3D Laser Measurement

3D Laser Contouring Camera
Laser Displacement Sensor



Image Capture Card

PCIe Expansion Card
CXP-12 Image Capture Card
10G Ethernet Card



Mold Monitor

The injection molding machine mold protection system is installed on the injection molding machine and performs secondary photo inspections during the molding cycle to ensure that the mold is not damaged due to product sticking or ejector pins and slides not returning to their original positions.



High-speed Autofocus Microscope

AUTOFOCUS system



Wide Field Digital Microscope

Auto-Focus Video Microscope
Multi-Output Autofocus Industrial Camera
Wide Field Digital Microscope

LINE



Wechat



Brochure

