



World Leading Machine Vision Solutions Provider

V510i Optimus 3D

A One Stop Solution for SMT Line

4MP
40x40mm FOV
20µm Accuracy
180 fps Speed

12MP
45x60mm FOV
8µm Accuracy
180 fps Speed

25MP
11x11mm FOV
±2µm Accuracy
80 fps Speed

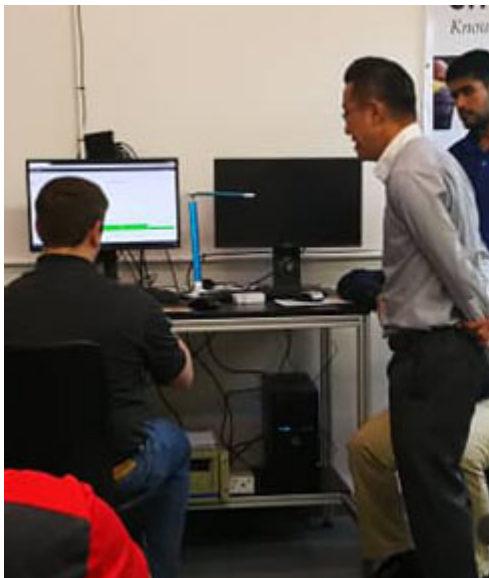
*with LED distance & angle measurement.



V510i Optimus 3D AOI is a next-generation solution for the SMT line, offering the powerful 3D inspection capabilities. The latest version was built with 12 megapixels camera in high inspection quality and resolution which further enhanced its inspection speed to 60cm²/sec and the resolution to 8µm. It acquires a capability to run inspections on small unit components, such as 008004 and 009005. Moreover, ViTrox's AOI Centralized program database management system (V Library) allows users to manage and standardize different program databases across multiple systems in production with ease. Apart from that, it uses 3D Inspection to achieve high productivity and detectability concurrently. It is available with Flexible Dual Lane configurations and XXL model to cater for larger boards inspection capability.

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AOI Demo Day 2019

ViTrox joined the 3D AOI Productivity and Technology Demonstration at EAP Demo Room, Dayton, OH on 16th-18th April 2019. Co-host with EAP, ViTrox's sales channel partner in the Midwest, US, this demonstration program is to potential clients in the stated area. During the event, the AOI Specialists showcased **V510i Optimus 3D AOI**, the next generation of Advanced 3D Optical Inspection System (AOI) that offers the powerful 3D inspection capabilities for the SMT line, and **V-ONE**, a highly customizable open platform which offers data-driven decisions in the manufacturing process to the visitors. As a result, ViTrox received a few positive feedback and gained interest from the visitors.

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ViTrox Technologies GmbH

We are proud to announce the birth of our new subsidiary company in Germany. Named after **ViTrox Technologies GmbH**, this wholly new subsidiary serves as the sales and support office to provide cost savings, fast response to regional customers, enhance sales, increase market share, and elevate its presence in the Europe market. The official announcement of this ownership was officially made on 26th March 2019 through Bursa Malaysia and it has now begun its operation since the beginning of the second quarter in 2019.

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----- EVENTS -----

	3D AOI Roadshow in Mexico 9:00am - 5:00pm		Semicon SEA 2019 10:00am - 5:00pm (Tuesday & Wednesday)
APR - MAY 30 - 3	# SMTto Engineering Office (San Pedro, Tlaquepaque, Jal., Mexico)	MAY 7 - 9	10:00pm - 4:00pm (Thursday) # Tech Arena, MITEC (Booth number: #1004, Smart Manufacturing Pavilion)
	Explore		Explore
	SMTconnect 2019 # Nurnberg Messe, Messezentrum, Nuremberg, Germany (Hall 4, Booth number: #546)	MAY 7 - 9	UGM Taiwan 1:30pm - 4:30pm # Royal Wedding
	Explore		Explore
JUN 19 - 22	Nepcon Thailand 2019 10:00am - 6:00pm # BITEC Bangkok, Thailand (Hall 98, Booth number: 8B11)		

Explore

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