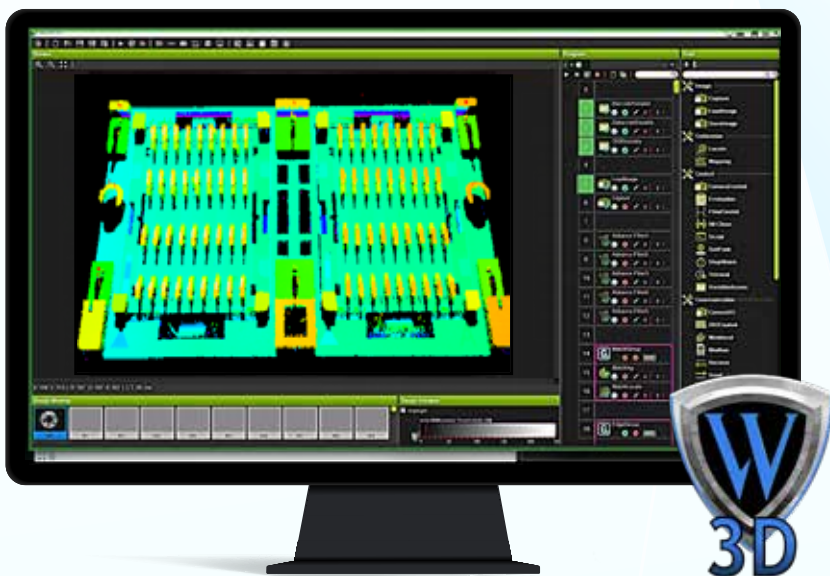


WIZER PRO 3D INSPECTION

Wizer Pro vision software offers 3D image processing with 3D inspection tools to evaluate and measure the point cloud. The 3D tools are ready-to-use where user can drag and drop to create their 3D inspection program.

The Wizer 3D features and selected 3D cameras work as a precise component together, to scan object into a 3D image to measure it's X, Y and Z direction accurately.



Supporting Hardware:



This software environment ease the application development for your inspection and graphical interface, with intuitive drag & drop concept.

Industrial 3D camera brands are integrated to this software to allow user flexibility on selection of cameras.

Key Features:

- o Quick and flexible applications development
- o Powerful and robust inspection tools
- o A common platform software for different applications



Optical Character Recognition



Surface Inspection



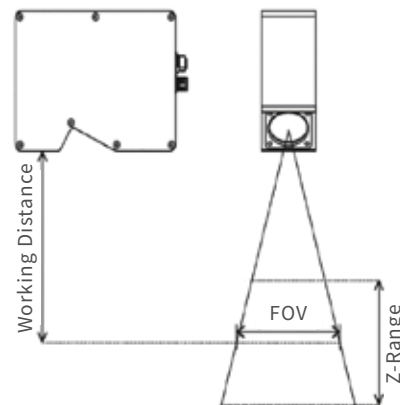
Assembly Verification



Geometry Inspection

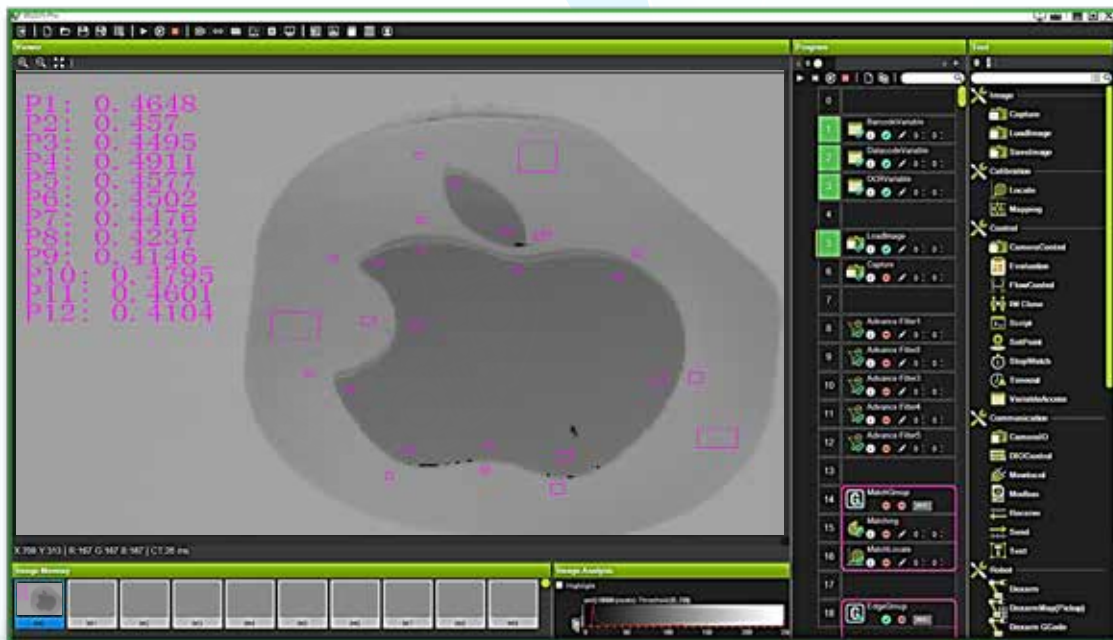
WIZER 3D CAMERAS CONFIGURATION

General Specification	
Profile Speed	Up to 25000 HZ (Depending on the model)
Profile Resolution	4096 Points / Profile (Depending on the model)
Interface	GigE Vision / GenICam
Connector	M12
Protection Class	IP67 (Depending on the model)
Laser Safety Class	2M, 3R, 3B
Sensor Algorithm	MAX, TRSH, COG, FIR-PEAK
Digital I/Os	Opto-Isolated Inputs (2x) / Outputs (2x), Laser Dafety, Trigger, Encoder (RS442)
Power Supply	24VDC
PC Requirement	Gigabit Ethernet NIC, Windows OS
Software Application	Wizer 3D Software



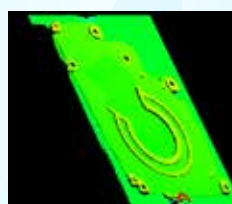
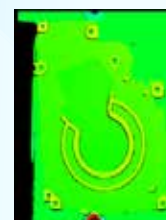
Model	FOV (mm)	Z-Range (mm)	Working Distance (mm)	Lateral Resolution (um)	Height Resolution (um)	Point Per Profile
S605MG-020-30/0.14	12	6	52	5.5	0.14	2048
S605MG-013-30/0.7	30	40	106	19	0.7	1600
S605MG-020-38/0.7	38	40	106	19	0.7	2048
S605MG-013-49/1.2	49	40	106	31	1.2	1600
S605MG-020-63/1.2	63	40	106	31	1.2	2048
S605MG-040-67/0.5	67	15	172	20	0.5	3360
S605MG-013-78/1.9	78	40	106	49	1.9	1600
S605-MG-040-82/0.5	82	15	172	20	0.5	4096
S605MG-020-100/1.9	100	40	106	49	1.9	2048
S605MG-040-145/0.9	145	15	172	35	0.9	4096
S605MG-040-182/1.4	182	250	400	44	1.4	4096
S605MG-040-288/2.2	288	300	400	70	2.2	4096
S605MG-040-302/5	302	500	700	74	3.5	4096
S605MG-020-330/5	330	300	400	161	5	2048
S605MG-030-406/3.8	406	300	400	121	3.8	3360
S605MG-040-495/3.8	495	300	400	121	3.8	4096
S605MG-020-640/15	640	500	700	313	15	2048
S605MG-010-1015/25	1015	800	744	496	25	2048

WIZER 3D CASE STUDY



Application:
Flatness Check

Specifications:
o FOV: 30mm
o Repeatability: < 10um



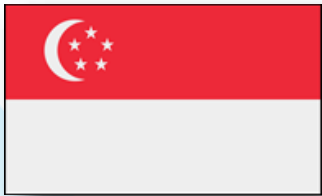
Application:
Height Measurement

Specifications:
o FOV: 80mm
o Repeatability: < 20um

CONTACT US



Scan for More!



Corporate Headquarter (Singapore)

Inspiraz Technology Pte Ltd

Blk 19, Kallang Avenue #06-163, Singapore 339410

www.vizcam.net +65 6297 0880 sales@inspiraz.com



China Headquarter (Shanghai)

启毅视觉科技(上海)有限公司

上海市静安区梅园路 228 号

(企业广场) 2618 室

China Office (Shenzhen)

深圳市南山区桃园路 1号

西海明珠大厦 F 座 11 楼 C13

www.inspiraz.cn +86 021 5299 0181 sales@inspiraz.cn



Korea Office (Seoul)

#1109, B Building 201

Songpa Gu Seoul, Korea 05854

www.vizcam.co.kr +82 2 2264 2563~5 sales@vizcam.co.kr

