



V9i **CCI**

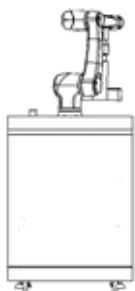
Advanced Robotic Vision System (ARV)



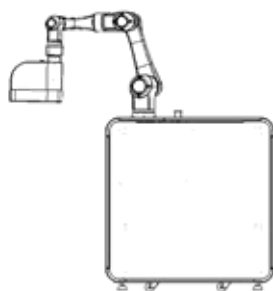
System	V9i
Inspection Functions	V9i (phase 1) provides the accuracy, speed and consistency on UV coating inspection. It has the capability of side angle camera for different angle inspection.
System Type	Collaborative Robot
Board & Component Level Traceability	Camera Read Barcodes
System Hardware	
Computer System	Intel Core i7, 32GB RAM, 480GB SSD, 1TB HDD
Operating System	Windows 10 Pro 64Bit
Camera & FOV Size	USB3.0, Teli Color 4MP, FOV 75mm*75mm
Optical Resolution	~ 38µm / pixel
Inspection Speed	30cm ² /s (Without Thickness Sensor Measurement)
Lighting Module	Hybrid UV + white Light LED
X-Y-Z Axis Repeatabilty	± 50 µm
PCB Dimension	
Maximum PCB Size (L x W)	~510mm x 510mm
Clearance	
Board Top Side of PCB	100 mm
Thickness Measurement	
Minimum Thickness	>30µm*
Installation Specification	
Footprint	
Width	696 mm
Depth	940 mm
Height	1600mm (normal robot operating height)
Weight	300 kg
Electrical Supplies	200-240V, 8A Single Phase

Specifications are subject to change.

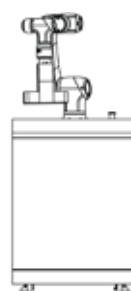
* subjected to thickness sensor type.



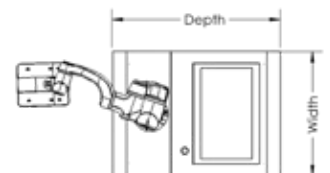
Front View



Side View



Back View



Top View

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