



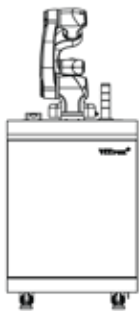
V9i CCI
Advanced Robotic Vision System (ARV)



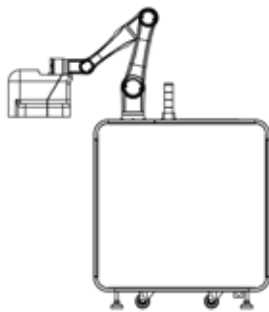
System		V9i
Inspection Functions	V9i (phase 1) provides the accuracy, speed and consistency on UV coating inspection. It has the capability of side angle camera for different angle inspection.	
System Type	Collaborative Robot	
Board & Component Level Traceability	Camera Read Barcodes	
System Hardware		
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.

* subject to thickness sensor type.



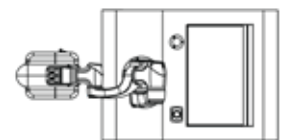
Front View



Side View



Back View



Top View

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