

Specification	Value
Performance	
Processing Speed	<= 1.1 seconds
Throughput	<= 4000 plants per hour
Conveyor Compatibility	Speeds <= 0.5 m/s Widths <= 400 mm
Measurement	
Viewing Area	300 mm X 300 mm
Maximum Plant Height	500 mm
Expected Absolute Canopy Height Measurement Accuracy*	+/- 5mm @ 300 mm +/- 10mm @ 800 mm
Expected Relative Canopy Height Measurement Accuracy*	3 mm
Expected Canopy Area Measurement Accuracy*	94% or better
Minimum Anomaly Size Detection	2 mm
Grading Capabilities	
Grading Criteria Capabilities	Maximum and minimum canopy heights Maximum and minimum canopy areas Canopy color uniformity Anomaly color detection Area in range
Number of Grading Profiles	15
Data	
Data Collection**	Stats for 4000 plants per hour for 5 years
Data Access **	Crop Vision Insights
AI-Grading	Training models available upon request
Electrical	
Power	1200W @ 120 VAC
Environmental	
Operating Temperature	0 – 55 degree C
Operating Humidity	90% @ 40 degree C (non-condensing)
Physical	
Dimensions	Light Tunnel: 800 mm x 800 mm x 800mm User Pedestal: 300 mm x 300mm x 1000mm
Weight	~80 kg ~10 kg
Interfaces	Touchscreen HMI Wireless keyboard + mouse Modbus TCP
Connectivity	1 X LAN RJ45 GbE 1 X LAN RJ45 Modbus TCP
Warranty	
Warranty (Parts & Components)	1 Year

\* Due to variations in canopy textures, minor fluctuations in measurement accuracy may occur

\*\* Data addon package available upon request