

## EasyVision Specification

Features	EasyVision 2M pixel	EasyVision 5M pixel
Type of camera	2M colour CCD	5M colour CCD
Lens	High resolution telecentric lens system	
Camera orientation	Top down	
Camera Interface	Firewire 1394b 800Mb/s	Gige 1Gb/s
Maximum board size	475mm(W) x 350mm(L) Standard platform	
Resolution/pixel size	14.6µm	11.7µm
Capable of inspecting	0402 package and 0.4mm pitch	01005 package and 0.3mm pitch
Field of view	23.5mm x 17.6mm	23.5mm x 23.5mm
Linear drives	Micro stepping motors for high accuracy and repeatability	
Movement	Camera moves left-right , board moves front-back	
Fiducials	All systems are capable of 3 point fiducial correction allowing for board positional error, rotation and stretch or shrinkage	
Board clearance	Top = 40mm Bottom = 40mm	
Board handling method	3 fixed arms on tooling tray with a matrix of holes for adjustable supports	
Lighting	Multi-coloured concentric LED light rings	
Laser Profiling	<b>Optional</b> used for 3D profiling of component surfaces and legs, resolution 12µm	
Internal Printer	Tally-roll printer for inspection fault summary	
Software modules	1st off verify of BOM, Manual comparator inspection, Full automatic inspection, Offline Rework and Programming, Reports and statistical analysis	
Security levels	Supports 3 user-levels to limit operator access to advanced features where required	
Barcodes	<b>Optional</b> all common formats can be read through camera for traceability	
Operating Temperatures	20°C to 40°C	



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