

The Best First Article Inspection Solution

Why ExtraEye?

First article inspection (FAI) in the PCB assembly process is one of the most important steps - left unchecked every mistake from assembly machine setup multiplies into hundreds of incorrectly assembled PCBs. Maximum accuracy in first article inspection is extremely important.

Assembly line downtime during the FAI procedure is very expensive so you can't waste time programming an AOI system, even though you have one. Manually checking FAI by cross referencing between BOM and assembly drawings is open to error and is very time consuming.

What is ExtraEye?

Unlike AOI, ExtraEye is very quick and easy to use. Importing standard data takes around 5 minutes.

ExtraEye is a hardware/software system designed to assist any level of Operator in the FAI process. The hardware is based on a specially designed PCB scanner. This high resolution, scanner is capable of inspecting all electronic components sizing down to 0201 outlines.

By presenting an image of the placed component with the related details from the BOM and assembly drawing the ExtraEye boosts inspection speed, reduces personnel fatigue, and as a result ensures 100% inspection accuracy.

Have it working in approximately 5 minutes!

Validating a manufactured PCB is easy and straightforward.

- ◇ Load the coordinate file (text format), BOM file (text format), and assembly drawing (PDF).
- ◇ Scan the PCB
- ◇ Let the program navigate you through all the devices. Mark the ones that are incorrectly placed or differ from the BOM specifications.
- ◇ Filter and sort the list in the order you require
- ◇ Each device is magnified in a separate window with its' corresponding assembly drawing conveniently displayed below and all its' BOM details above.
- ◇ Print or email a report showing all invalid devices on top of the assembly drawing.

MODEL V3000

Maximum PCB Size: 330mm x 450mm
Maximum "One Pass Scan" Area: 305mm x 420mm
Maximum Component Height: 30mm

MODEL V4000

Maximum PCB Size: 560mm x 450mm
Maximum "One Pass Scan" Area: 305mm x 420mm ("Double Scan" option available for larger boards)
Maximum Component Height: 30mm

The ExtraEye is a professional solution to improve the manual inspection process for SMT and PTH PCBs!

