

EMWIJET LINE SCAN PRINT CHECK and OCR READING Overview

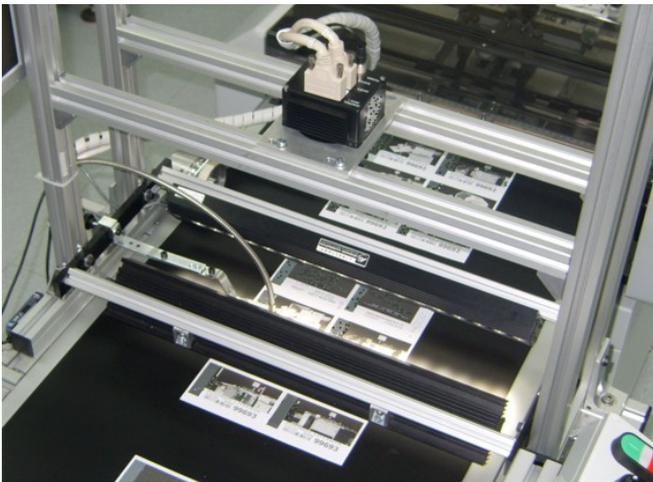
The main function of the **EMWIJET LINE SCAN PRINT CHECK** system is to monitor the print quality of inkjet arrays during the production of labels. The labels are typically produced in sheets with multiple inkjet heads mounted across the sheet or in unwinder/rewinder machines.

EmwiJet Multiscan system: Camera and Controller configuration for a single line scan camera.

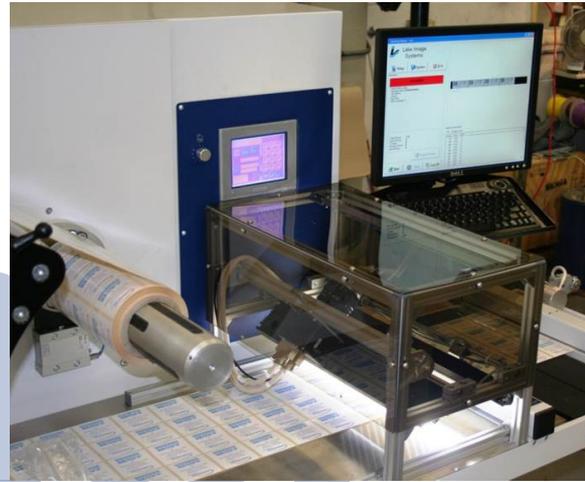
1 x 2K linescan camera GigE with 1 x 25mm lens, 1 x 150 mm white LED light line pair.

Encoder triggering, I/O and RS 232 communications, 21" Monitor, Keyboard with integral mouse.

OCR BCR & 2D reading software, File Audit.



Sample of Numbers Integrity Check in Lottery Tickets



Sample of Numbers Integrity Check in Labels

THE EMWIJET LINESCAN OCR READING CONTROL SYSTEM

For OCR we mean optical camera reading, not OCR fonts. We can read any font respecting the limitation of space between digits, quality and distance from other printed items. The OCR reading software will “learn” the used fonts and digits.

Included Features:

System Stop function attached to the OCR reading. The reading will be performed in every code and either a misread character or a missing number will stop the system.

Outputs. The data read can be output to a LOG file, file audit.

Extra Available features:

Saving Images. Our product can save images of the different sheets or part of them. The user can customize this feature so, for instance, Every Image or only Failed Images will be saved, in which format, size and where would they be stored.

Reports. Visually enhanced reports of the results can be displayed on the screen. It allows a fast understanding of the percentages of good and bad reads over a series of diagrams.

File Audit Integrity Tool. An extra control can be performed over the read codes checking them against the uploaded database file so we can be sure every expected code was the correct one and correctly printed.