

Customer Requirement:

Effectively read the date/Batch Code value from Tablet Box

Epsilon Solution:

Combines all P4 vision inspection tools including Blob, Gray Scale, GEO, Edge and Object

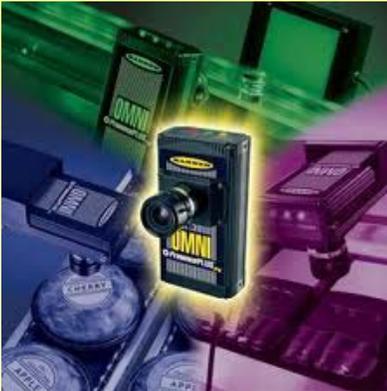
Why Epsilon?

Effective Solution

Epsilon provides effective and reliable solutions for critical applications

Customer Benefits:

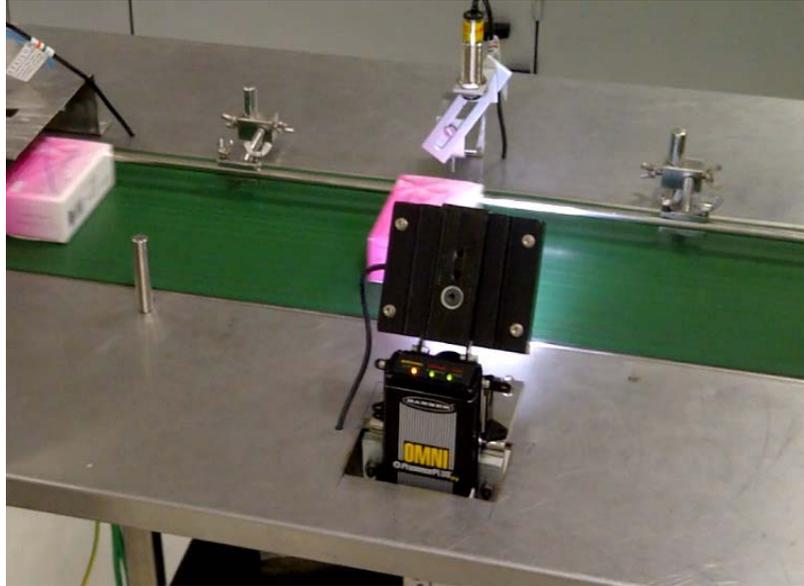
- Improved Productivity
- Easy installation
- Improved Speed



PresencePLUS P4 Omni Features

- Standard OMNI model (640 x 480 pixels) provides accurate analysis at high speeds
- Includes remote TEACH, configurable I/Os, live video and communications standard to all PresencePLUS sensors
- Features compact, self-contained P4 housing

Optical Character Recognition (OCR) On Blister Pack Box



Background

In pharmaceutical industries manufacturing date and batch code is printed on the product, it is important to verify that the correct code is printed on the product

Challenge

We have to read the value of date code and batch code from the tablet box but there was variation in print covering this variation in print since it is printed by inkjet printer which are not very consistent was a challenge.

Solution

Date code and batch code is printed on the tablet box. The sensor for sensing the box is adjusted such that when the box comes in vision of camera the sensor will generate an output. This output is considered as trigger by the camera and it captures an image. For reading the value we have used the OCR(Optical Character Recognition) tool. This value is compared with the predefined value If value is not correct then camera will generate fail signal which is used by the system for ejection