EPSILON
Controls & Automation

Application Note...

Customer
Large scale Printing, folding Packaging Industries.

Customer Requirements
The purpose is to avoid an unprinted product to be floated in the market.

Epsilon Solution
ECA-TH vision sensor with White LED light

Why Epsilon?
Epsilon provides economic and reliable solution for critical application

Customer Benefits:
- Improved Productivity
- One time installation
- Improved Speed

ECA-TH Image

Epsilon ECA-TH Features
- ECA-TH model (208×236 Pixels) provides accurate analysis at high speeds
- Easy setup,usefull zoom-in functions
- Features compact, inbuild white LED

Learn More
Visit www.epsilonfiberoptics.com for more application information

BLANK PAGE DETECTION SYSTEM...

Background
Every printing industry's purpose is to avoids the unprinted or blank page which was missed while printing is folded and floated in market. These industries need a simple, cost-effective, and reliable way to detect the blank page or any page which has whole containt is missing.

Challenge
The Different size of pages traveling at speeds of up to120/ fpm with so many Challenges on same speed. On every batch there are different sizes of papers with different contents. The system is designed for continuously checking the blank or unprinted pages and if blank page is detected by system then machine should stop immediately so that operator can remove that paper from machine.

Solution
The Epsilon ECA-TH sensor provides a simple way to perform Blank page detection using the edge(Contour) tools, Epsilon ECA-TH edge identification sensor can provide additional reliability for blank page inspection. The printed contents on each page is compared with the pre-taught blank page. In event of a blank page or unprinted page electronic outputs are generated from ECA-TH sensor which is connected to the Intelligent Controller. The controller is design for latching the output to stop the machine immediately and which can be reset by using reset push button.