

# **Application Note**

# Detection of Wrong Orientation of Blister in wallet

#### Customer

Recognized as a leading manufacturer of complex oral and injectable cephalosporins.

#### **Customer Requirements**

In wallet packing machine, an ALU-PVC blister is inserted in to a cardboard wallet. Customer required a vision system which is capable of detecting wrong orientation of blister in wallet.

### Why EPSILON

Customer had a system that checks multiple parameters of tablets, but customer needs to remove wrong oriented wallets immediately from the production line before further inspections of wallet. Hence EPSILON.

## **Challenges**

- Date code and batch code is embossed on aluminium foil
- Embossing is not uniform at all time

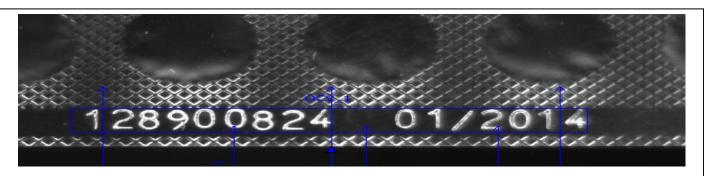


Image after using diffused Infrared light

#### **EPSILON Solution**

Epsilon has provided banner camera with lens, mounting arrangement that hold camera and 2 bar lights. Bar lights are mounted such a way that though the wallet tilt it will not affect to the result.

# Mounting design for customer



# **Customer Benefits**

- Wrong oriented product is detected before further inspections
- Easy to make program for new product
- Less area consumption
- Integrated display, no need to program from PC

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