

APP1080

Print verification of color/characters

- ✓ Packaging
- ✓ Characters recognition
- ✓ Color measurement

Complexity

1 2 3 4 5



TECHNICAL FEATURES

- *EOPTIS color camera, IP65*
- *Multiple control color/characters*
- *Touch-screen settings*
- *Full integration with the main system*

1 CUSTOMER NEEDS

Verification of the right printing of variable characters and color in a given region of interest on the package. Packages that don't pass the quality tests must be automatically removed.

- Configurable Region Of Interest (ROI)
- System fully integrated in the production line

2 SOLUTION

EOPTIS developed a multicamera system that can be interfaced with the packaging system, and uses a dedicated processing unit with 3 cameras and a custom illuminator. The system is easily configurable using a simple user interface via touch-screen.

- Simple update of colors database and look-up strings
- Straight forward communication with the main system

3 BENEFITS ACHIEVED

Thanks to EOPTIS system, the quality check of printed strings and package color is now fully automated. Using the system, the non conformity have been significantly reduced, increasing the line productivity.

- Decreased product rejections
- Increased productivity and less control costs