



MOLDED PARTS PROTECTION



HIGHLY SECURE &
INDUSTRY PROVEN



AUTHENTICATE WITH
A MOBILE PHONE



NO PRODUCTION
CHANGES



INVISIBLE
SECURITY



NO ADDITIONAL
CONSUMABLES

ALPVISION FINGERPRINT®

AlpVision Fingerprint® is a unique and breakthrough covert anti-counterfeit solution that tracks and authenticates mass produced objects manufactured by molding. This solution applies to a wide variety of pharmaceutical molded parts, including bottles and caps, flip off-tops, syringe, inhaler, and most plastic molded products available on the market today.



The Fingerprint can be used on a large variety of products.

HOW IT WORKS

With no changes to the standard molding practices, AlpVision Fingerprint leverages the intrinsic microscopic surface irregularities found in a mold and uses these unique characteristics as the means of authentication (as opposed to adding safety features).

The process requires capturing a digital image of the matte-finished surface of a molded part and storing it in a database. This image is then used as a reference to perform product authentication.

It follows that one image per mold cavity is sufficient to authenticate an entire line of objects produced by the same mold cavity.

ANTI-COUNTERFEITING & TRACEABILITY

AlpVision Fingerprint provides positive authentication, which not only helps confirm the authenticity of the object, but also increases the reliability of other safety features.

AlpVision Fingerprint is simpler and more efficient than a track and trace system. This software solution can identify the original mold cavity, help locate the equipment manufacturer, and determine the approximate production date. As a consequence, agents in the supply chain will be less likely to smuggle molded parts to counterfeiters.

DETECTION DEVICES

A smartphone equipped with AlpVision's product authentication application is used to verify the authenticity of the molded part. Working in real-time, verification usually takes less than 3 seconds, including time to pick up the product and position the smartphone over it.



BRAND MONITORING SYSTEM

AlpVision BMS is a centralized server collecting information related to a brand's product authentication and application usage. It also allows control of authentication applications, devices and users through an intuitive web interface. BMS provides all relevant information needed to monitor your brands and to take action in on problems. Every authentication attempt is logged with date, time, location, user, image data, and the authentication result.



SPECIFICATIONS FINGERPRINT AND BRAND MONITORING SYSTEM - BMS

Product Compatibility

Surface roughness of at least RA 0.2um

Authentication Devices

Smartphones with camera and flashlight

(iOS and Android)

Flatbed scanners

Vision systems

BMS Server

Cloud, local or remote hosted

MS Windows based

Open Web API for third party integrations

Quality Control

Smartphone based QC tools

Online inspection possible

Quality Control logging and reporting

SDKs

Authentication SDK (integration in 3rd party smartphone apps, iOS and Android)

Certifications

GAMP5 CSV

FDA 21 CFR Part 11

ISO 9001

To arrange an online demonstration or for any further information, please contact us:

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