

# DERMALOG

## Biometric Driver's License

Maximum security and  
fast issuance.





# DERMALOG Biometric Driver's License.

## The next step in issuing official documents.

DERMALOG's Biometric Driver's License comes with an outstanding level of security preventing counterfeiting and fraud attempts. At the same time, the DERMALOG solution is absolutely user-friendly and considerably simplifies the issuing process for government authorities or issuing agencies.

Issuing driver's licenses and vehicle registration certificates is one of the key tasks of every transport authority. To better protect these documents from fraud and counterfeiting, DERMALOG has developed the Biometric Driver's License. In addition to numerous security features, the card contains biometric information such as the cardholder's fingerprints and facial patterns, which are also stored in a central database. If a person attempts to obtain a second license under false identity, DERMALOG's Automated

Fingerprint Identification System (AFIS) or Automated Biometric Identification System (ABIS) will detect it. The state-of-the-art licenses can be created fast and secure using the latest techniques such as laser engraving, liveness detection or facial matching. With its Biometric Driver's License DERMALOG not only offers a particularly secure card, but also a cost-effective, efficient and easy-to-use solution for government authorities.



## New driver's licenses for the Philippines.

Since August 2017, the citizens of the Philippines are receiving a completely new driver's license. Thanks to DERMALOG's technology, the license is extremely fraud-proof. But that's not all. With the new system, the Philippine authorities only need a few minutes to issue a license.

With 32 security features and its fingerprint biometrics, the license is currently the most secure identification card in the Philippines. DERMALOG's Automated Fingerprint Identification System (AFIS) prevents double identities. More than 20 attempts to obtain a second driver's license under a different name were prevented by the DERMALOG AFIS in the initial phase.

The data are now engraved by laser engraver machines into the card material, which guarantees none erasure and prevents from alteration. Furthermore, the new cards can last up to 10 years.



# 32

 security features  
in one card\*

### Fingerprint Scanner LF10 –

DERMALOG's LF10 is the first ten-print and rolled fingerprint scanner providing liveness detection. Using its large scanning area the LF10 is optimized for creating high quality images. This makes the LF10 the perfect solution for the fast and reliable capture of biometric data.

# Laser engraving for extra security.

The Biometric Driver's Licenses are engraved with the DERMALOG CL 1 laser engraver. The user-friendly desktop device labels PC, PET and PVT cards quickly and easily. Counterfeiting and identity fraud are much more difficult and virtually impossible.



## Security Features of the Biometric Driver's License.

### 1. UV printing

Printed elements on the card are only visible under UV light. Designs are individual.

### 2. Transparent holograms

The hologram image can only be viewed from certain perspectives, allowing the visibility of information on the card below the hologram.

### 3. Rainbow printing

Security background patterns produced with rainbow printing protect the card against attempts of forgery through copying, scanning or printing.

### 4. Relief embossing

For example, the shape of individual characters is embossed on the card – the characters are noticeable.

### 5. OVI

Optical variable inks shifting the colour depending on the viewing angle.

### 6. Metallic ink

Metal particles within the ink reflect the light and create a metallic shine.



Design fully customizable

### 7. Micro printing

To prevent unauthorized attempts of copying or scanning the micro text is printed in minute details.

### 8. MLI

Multiple Laser Images change depending on the viewing angle.

### 9. Guilloche printing

Intricate mathematical design printed as a high-resolution security feature.

### 10. Security 2D barcode printing

Contains photo, biodata or card data, etc including 2 fingerprints for biometric matching.

# One solution, countless possibilities.

DERMALOG's Biometric Driver's License contains a number of security features according to government authorities' requirements. As a processor chip based card, it can be equipped with various encryption methods, for example RSA & DES encryption, private key and public key or challenge response. Several biometric features such as chip personalisation, live fingerprint and face matching as well as additional database matching are included as requested.

## Process workflow for DERMALOG Biometric Driver's License



## More information:



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