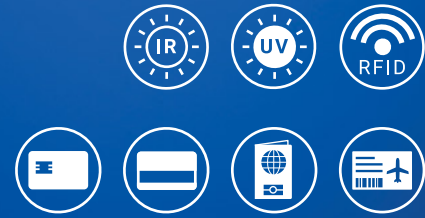# DERMALOG

## Document Scanner **XF9e**

Border Control at its best.

IR · UV · RFID

## Outstanding Features

> Authenticity verification

> Automated document detection

> Reading and verifying identity documents compliant to ICAO and non-compliant to ICAO

> Barcode reading (1D/2D) from documents and smartphones

> Available with Colour UV, RFID, contact smart card and magnetic stripe option

## Key Benefits

ePassport and ID Scanner providing reliable data extraction and (biometric) document verification. Optimal for Border Control, immigration purposes as well as many security and commercial environments.

# The DERMALOG XF9e – full-page document scanner including versatile features.

## Fast processing and efficient for every security environment.

DERMALOG XF9e Scanner is a compact, full-page scanner that provides automatic, accurate data extraction and document verification. The device is able to read multiple document types (Passports, ePassports, ID Cards, visa, driving licences). Printed data is taken from the entire data page – from MRZ, VIZ and barcodes (1D/2D). It extracts digital data from contactless chips (RFID) as well as from magnetic stripes and contact Smart Cards. OCR and RFID Reading are processed in one-step.

## Product Features

> Authenticity verification

> Automated document detection

> Optical system reflection free

> Automated face comparison
  (digitally stored against scanned picture)

> Reading and verifying identity documents compliant
  to ICAO and non-compliant to ICAO

> Barcode reading (1D/2D) from documents and
  smartphones

> Processing passports
  (ICAO MRZ, General VIZ, RFID and more)

> Available  with Colour UV, RFID, contact smart
  card and magnetic stripe option

### ePassports
The XF9e is a full high-resolution colour passport scanner, including ultraviolet (UV) and infrared (IR) images, plus image checks. The integrated RFID Reader can read bio-metric data stored on the chip.

### ID Cards
ID documents can be evaluated relating to visual and electronic features. The XF9e is able to read biometric data stored on ID Cards.

### Barcode Reader
Reading an optical code is a task often faced on airports or events. The many fields of application for using barcode authentication (in all common formats and coding) include for instance (flight) tickets, ID cards, QR codes, arrival cards or visa. By using infrared or visible light, the XF9e is fully equipped to manage a high volume of enquiries.

### Image Quality
The DERMALOG XF9e provides high-resolution images (500 DPI) - using visible white light (LED-based), infrared and UV illumination.

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# Specifications **Document** Scanner **XF9e**

## Technical Features

| | |
|---|---|
| Active scan area | 125 mm × 88 mm (4.92" × 3.46") |
| Illumination sources | LED visible white, IR (B900), UVA (optional) |
| Image resolution | 500 dpi |
| Provided images | Visible, IR, UV (UVA), OVD image, glare-free image |
| Image formats | BMP, JPG, JPG2000 and PNG |

## Reading Capability

| | |
|---|---|
| Automatic document detection | Yes |
| MRZ reading | ICAO compliant documents per ICAO 9303 specification Part 1, Part 1v2, Part 2, Part 3 and Part 3v2 for Type ID-1, ID-2 and ID-3 MRZ Optical Character Recognition |
| VIZ reading | Available, based on user-defined fields |
| Barcode reading | 1D: UPC-A, EAN8, EAN13, Code39, Code128 and ITF 2D: PDF 417, Data Matrix, QR Code, Aztec Code From paper based documents and mobile devices AAMVA compliant PDF417 and IATA BCBP |

## SDK Features

| | |
|---|---|
| SDK Available | Yes, full SDK including DLLs and demo programs |
| Supported Operating Systems | Windows 10, 8.1, 8, 7, Vista (32/64 bit, WHQL certified) 32/64 bit Server 2008 R2 and Server 2003 Linux (ask for details) |
| Programming languages | C/C++, C#, Visual Basic 6.0, Delphi, VB.NET, Java |
| General interfaces | Dermalog native, Twain, PC/SC, BioAPI 2.0 |
| RFID functions | BAC, EAC, EAC2.0, PACE, AA, PA, TA, CA, BAP, EAP |

## Mechanical and other data

| | |
|---|---|
| Size (W x D x H) | 178 mm × 176 mm × 146 mm (7.01" × 6.93" × 5.75") |
| Weight | 1.1 kg (2.43 lbs) |
| Operating temperature | +5°C to +45°C (45°F to 113°F) |
| Operating temperature | 5 °C – 45 °C (45 °F – 113 °F) |
| Operating humidity | 0-95% (non-condensing) |
| Case | Highly durable ABS-PC plastic |
| IP rate | IP53 |
| Maintenance | No moving parts, maintenance-free operation |
| PC interface | USB2.0 high speed |
| Power supply | USB powered, 100-240 V AC, 50/60 Hz |
| Certificates | x |

MADE IN GERMANY

TeleTrusT
*Pioneers in IT security.*

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