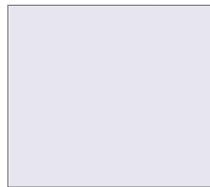


# ■ DESKO FP 500 - Passport Scanner/ Verifier

Border Inspection & Passenger Service - Secure, Efficient, Reliable

---



Accuracy and efficiency in border control and passenger service; with the DESKO FP 500 document scanner there are no compromises. Passports, visas and any form of national ID card - the DESKO FP 500 is the smallest and most efficient full page document reader.

Fast and easy-to-use the DESKO FP 500 with its revolutionary quad-optics technology and compact design is the perfect tool for all security and travel services - whether in a manned position or a self-service application.

## Your Advantages

---

- Full page, multiple light source passport and ID document reader
- Smallest full page scanner with integrated processor
- Automatic recognition of passports and ID cards according to ICAO 9303
- Fast, reliable (no moving components), easy-to-use
- Optional ICAO-RFID "e-Passport" module
- Optional 1D/2D barcode reading of documents or LCD
- Revolutionary quad-optics

## System Features

The DESKO FP 500 document reader/verifier is based on a revolutionary quad-optics system and latest image technology. This approach delivers all state-of-the-art security; however, is much easier to use and smaller in design.

The DESKO FP 500 has no moving parts and is completely based on LED technology. Therefore, the device is highly reliable and maintenance free. It delivers a full page colour image as well as a decoded MRZ of the document. as an additional option the device is capable of decoding 1D/2D barcodes of documents or LCDs. No user integration is required. Hence, it is the most productive solution for your security or passenger service positions.

## Recognition

- Auto-detection of document type; 2 and 3 line ICAO
- Automatic high reliability OCR B MRZ recognition
- Verification of MRZ according to ICAO specification
- Verification of expiration date

## Optional Features

- RFID e-Passport Reading (ISO 14443 Typ A&B including anticollision, autodecction)
- UV Illumination
- 2D Barcode Reader
- Visible & audible indicators

## Interface

The FP 500 full page passport reader requires an USB interface to ensure a high speed data transfer.

Alternatively, analyzed OCR data can be transferred directly via RS232 interface.

## Technical Data

$V_{cc}$ :	5V +/-5%
$I_{cc}$ :	1.6A max.
Dimensions overall:	178mm (7 inch) x 165mm (6.5 inch) x 114mm (4.5 inch)
Dimensions with top cover:	178mm (7 inch) x 165mm (6.5 inch) x 155mm (6.1 inch)
Scan Window:	100 x 130 mm
Resolution:	250 up to 600 dpi
Light Sources:	IR, visible light and UV-A (optional)
Status Indicators:	Audible and visible status indicator

Outstanding performance and ease-of-use make the DESKO FP 500 the ideal solution for manual and self-service passport reading.

---

We would be pleased to discuss your specific requirements and objectives in a direct conversation. Feel free to contact us at your convenience.

### DESKO

Gesellschaft für Dateneingabe-systeme und Konzepte mbH

Gottlieb-Keim-Straße 56  
95448 Bayreuth  
Germany

Phone +49 (0)9 21-7 92 79-0  
Fax +49 (0)9 21-7 92 79-14  
info@desko.de  
www.desko.de