ICON Scanner

ТЕХНОМАТIКА

DESKO ICON Scanner®
Class Leading Full-Page ID Document Scanner

You need to collect data from ID documents? You need to check passports or ID cards? You work at the border control and need to authenticate visas? The ICON Scanner is your ideal device.

The ICON Scanner is designed for ID document scanning, allowing for quick read results and image capture. Captured data can be transferred to any host system for processing and its high-resolution

and reflection free images provide a solid basis for document checks with, for example, an authentication software tool.

Like any DESKO product, the ICON Scanner is exclusively made in Germany and manufactured according to the highest standards; making it virtually maintenance free.
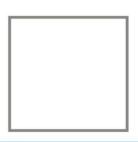
Your Advantages

- Smallest full-page scanner on the market
- Up to 600 dpi high-resolution scans
- Reflection removal scan technology
- Scan with or without cover for all light sources
- Certified with leading authentication software providers
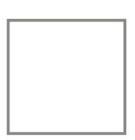- OEM version available for kiosk or e-gate integration

Passport

ID Card

RFID

ICON Scanner

System Approach

With the ICON Scanner, DESKO offers a high-quality document scanning device that is based on more than a decade of field experience with worldwide installations. From pure OCR data collection to biometric passport reading (RFID) to full document authentication, the ICON Scanner is your reliable asisstant.

Its class leading scan technology, developed by DESKO, provides high-resolution and reflection free scans under white light, IR and UV. The ICON Scanner therefore provides excellent images for OCR data collection or even document authentication. This highly reliable and professional tool ensures both, an ideal read result and a clear image capture. The ICON Scanner has the smallest housing available on the market. It is only as big as an open passport and therefore requires only an absolute minimum of space on the desk or within a kiosk or e-gate.

Customize your scanner! The instruction label in the front can be customized according to your corporate identity.

Features

- **OCR/MRZ reader** for ID1, ID2 and ID3 document types (ICAO 9303, ISO/IEC 18013)
- **Full-page** high-resolution images in visible, IR and UV (optional)
- **Reflection removal** prevents spots or highlights caused by laminate or holographic print
- **Automatic document detection**
- **Background elimination**
- **Scan with or without cover** for all light sources possible
- **Lowest height available** 80 mm (3.15 inches)
- **Rugged design** in solid box, extra toughened glass (standard)

User Feedback

- **Light**: programmable multicolor LEDs
- **Sound:** programmable buzzer with adjustable volume and pitch providing clear user feedback

Reading Capabilities

- **MRZ reading** – ID cards, passports, visa, driving licenses (ICAO 9303, ISO/IEC 7501-1, ISO 18013-3)
- **VIZ reading (optional)** – available for any ID document type e.g. front page of ID3, drivers' licenses information on supported document types and data fields available on request
- **RFID & NFC (optional)** – RFID documents according to ISO 14443 (Type A/B), ISO 7816 (incl. US passports), ICAO 9303 as well as NFC support

Technical Data

Vcc:	5V DC +/- 5%
Icc:	max. 2.4 A
Dimensions:	L 190 mm (7.5 inches) × W 145 mm (5.7 inches) × H 80 mm (3.1 inches) × H 106 mm (4.2 inches) incl. long hood
Light sources:	visible, IR and UV (optional) – all LED based
Image formats:	JPG, BMP, PNG
Resolution:	scaleable up to 600 dpi
Host interface:	USB
RF/EMI Compl.:	CE, FCC, CB Report
Status Indicator:	Audible and visible status indicator
Operating Syst.:	Windows OS (32 bit and 64 bit)