DESKO ICON Scanner®

Secure Data Collection in a new Dimension

If you are looking for a compact data collection solution, the brand new DESKO ICON Scanner is your ideal device.Like any DESKO product, the ICON Scanner is exclusively made in Germany and manufactured according to the highest standards.

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.

Its class leading scan technology, developed by DESKO, provides high-resolution and reflection free scans under white light and IR. The ICON Scanner therefore provides excellent images for OCR data collection.

This highly reliable and professional tool ensures both, an ideal read result and a clear image capture.

Your Advantages

- Fast and reliable OCR data collection
- Up to 400 dpi high-resolution scans
- Reflection removal scan technology
- Usage of two light sources (VIS, IR)
- USB powered device
- Kiosk or e-gate integration possible

Data & Image Capture

TECHNICAL DATA

Vcc: 5V DC +/- 5%
Icc: 0.5 A

Footprint:
L 147 mm (5.78 inches) ×
W 149 mm (5.87 inches) ×
H 79 mm (3.11 inches)

Active Scan Area:
L 94 mm (3.70 inches) ×
W 130 mm (5.12 inches)

Light sources:
Visible and IR

Image formats:
JPG, BMP, PNG

Resolution:
Scaleable up to 400 dpi

Interface:
USB

Drivers:
Windows

Status Indicator:
Audible and visible

Features
- ID and passport image scanning under visible and IR light
- Scan without full cover for all light sources possible for easier user handling
- Optimized for OCR data collection
- Document size detection (e.g. for ID1 cards additional scan for backside necessary)
- Passport or ID card portrait available as separate image
- Reflection removal scan technology prevents spots caused by laminate or holographic print
- Automatic scan trigger based on document detection
- Automatic crop and rotate including background elimination of scanned image

OCR Reading
- OCR MRZ reading for all ICAO 9303 compliant ID1, ID2 and ID3 documents such as passports, national ID cards, resident permits or VISA via ICON Scanner SDK
- OCR VIZ reading or OCR reading of non-ICAO compliant ID documents available via additional software, available upon request

User Feedback
- Light: programmable multicolor LED
- Sound: programmable buzzer with adjustable volume and pitch

Interfaces
- USB 2.0 host interface
- USB powered

Certifications
- CE, FCC, CB report
- WEEE, RoHS
- Country specific reports available

Documents
- Scanning of all ID documents or passports including driver licenses and specific IDs (e.g. work permit ID, student ID) ccording to ISO/IEC 7501-1, ISO 18013 and ICAO 9303
- Supported format: ID1, ID2 and ID3