

# DESKO ID-1 GO®

#  
FORGER  
OUTOF  
BUSINESS



First dual side ID1 scanner that delivers  
**FORENSIC LAB QUALITY**

TO YOUR DESKTOP ... AND BAD LUCK TO FORGERS

**DESKO®**



# DESKO ID-1 GO®

*First dual side ID1 Scanner that delivers a resolution of 1,300 dpi*

## *New DESKO scanner exposes forged documents*

The revolutionary step of the DESKO ID-1 GO® is its class leading scan quality: It delivers images with a resolution of 1,300 dpi, which is up to twice the quality of comparable devices. This outstanding scan performance is the result of DESKO's renowned engineering expertise. Very high resolution makes it possible to **draw immediate conclusions about the different printing technologies used to make an ID document secure.** Being able to check various printing technics is the key criteria for identifying manipulated and forged documents. The zoom factor also reveals even extremely small details in the microprint. These are precisely the areas where forgers reach their limits. Consequently, document anomalies can be identified quickly.

**The ID-1 GO is specially designed for ID1 cards** that is any ID document in credit card format, for instance identity cards or driver's licenses.

It generates multiple images of both the front and back side of the ID1 card using high-performance sensors and reads all available data in a single process: **With just one work step – in one go – all obtainable information is extracted, and images are generated under visible, infrared and color UV light.** Six high-resolution images under three light sources in a matter of seconds. This hugely facilitates and accelerates your verification processes.

**ID-1 GO also provides the option to read a magnetic stripe, contact or contactless chips while scanning the ID card. Digital Driver's License or eID reading from a smartphone using RFID or Bluetooth is supported as well.**

## *Your Advantages*

- *Incredibly precise resolution of 1,300 dpi*
- *Generating six images under three light sources (visible, IR and UV)*
- *Ultra fast scan time*
- *Read all data in just one go – image scans, OCR, barcode, magnetic stripe, contact chip card and RFID*



## TECHNICAL DATA

### Active Scan Area:

H 54.75 mm (2.16 inch) ×  
W 86.35 mm (3.40 inch)

### Resolution:

Scaleable up to 1,300 dpi

### Light sources:

Visible, IR and UV-A (optional)

### Image formats:

JPG, BMP, PNG

### Interface:

USB 3.0 host interface

### Power:

Vcc: 15V

Acc: max. 2A (30W)

### Drivers:

Windows

### Status Indicator:

Audible and visible

### Footprint:

L 206 mm (8.12 inches) ×  
W 127 mm (5.01 inches) ×  
H 75 mm (2.97 inches)

### Certifications:

CE, FCC, CB report, WEEE, RoHS, UL  
Country specific reports available

Supported by:



on the basis of a decision  
by the German Bundestag



## Scan Features

- Dual side ID image scanning under visible, IR and UV light
- 1,300 dpi image resolution for precise and thorough document security examination
- Detects and collects all available data from ID document in one go (incl. MSR, BC, contact/ contactless chip)
- Reflection removal scan technology prevents spots caused by laminate or holographic print
- ID card portrait available as separate image

## Supported Documents

- Scanning of all ID documents including driver's licenses and specific IDs (e.g. work permit ID, student ID)
- Supported format: ID1

## OCR Reading

- OCR MRZ reading for all ICAO 9303 compliant ID1 documents such as national ID cards, resident permits via ID-1 GO Scanner SDK

- OCR VIZ reading or OCR reading of non-ICAO compliant ID documents available via additional software, available upon request

## Additional Data Reading (optional)

- Barcode Recognition: 1D/2D barcode reading via ID-1 GO Scanner SDK
- RFID Reading Module: integrated RFID module for ID chip reading
- Electronic ID Module: RFID or Bluetooth interface for eID/eDL reading
- MSR Reading Module: integrated magnetic stripe reader (3-tracks)
- Chip Card Module: integrated chip card reader

## User Feedback

- Light: programmable multicolor LED
- Sound: high and low volume control buzzer



# EXPERIENCE FORENSIC LAB QUALITY



Resolution: 1300dpi

Standard Market Resolution



# DESKO ID-1 GO®

*Brilliant scan quality that provides high-resolution images*

The ingenious single-step process makes the device extremely user-friendly. You only have to introduce the ID1 card into the reader. A motor then automatically moves the document past the sensors.

Depending on the data sources available on the ID1 card, all available data is read out and provided to an application via an API interface.

The scans serve to verify the authenticity of the document and are also used for data transfer.

Read it all in one go: OCR for MRZ and VIZ, RFID chip, barcode, magnetic stripe, contact chip ...

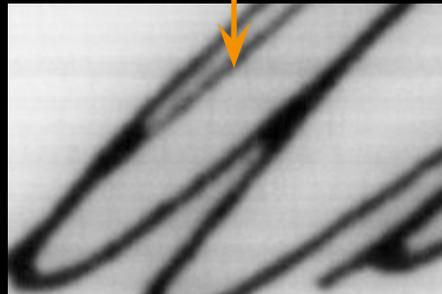
**And the ID-1 GO is also ready for eID and Digital Driver's License.**

Scan – Visible Light



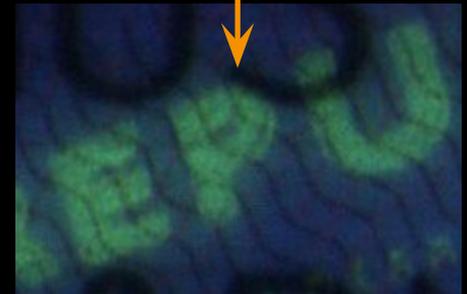
Scan – scale 100 %

Scan – IR Light



Scan – scale 100 %

Scan – UV Light (Color UV Patterns)



Scan – scale 100 %

# DESKO ID-1GO®

## DUAL SIDE ID1 SCANNER

### *Setting Standards*

The ID-1 GO is also setting new standards when it comes to design and maintenance: Its futuristic look with subtle LED signals and clear linear contours and the quick service concept make the compact precision scanner a perfect device for desktop use or installation.

Here's a short overview of possible applications for the DESKO ID-1 GO Scanner®. Of course, this list of potential use cases is far from complete. We are curious to learn about your use case. Get in touch with us!

### *Improve your workflow with the DESKO ID-1 GO®*



#### **Rental Agencies:**

Check the driver's licenses of your customers before you hand out the keys for the rental car, motor cycle or authenticate the ID card.



#### **Banking:**

Improve your contract management and ID document authentication. The ID-1 GO supports you e.g. in implementing the know-your-customer principle.



#### **Casino and Gambling:**

No more money laundering in your house – check the ID1 format ID documents of your guests fast and absolutely secure in one read process.



#### **Police and Government:**

Speed up your ID document process or the identity check during a traffic control. The ID-1 GO reads ID1 documents in a few seconds.



#### **Employee Vetting:**

You have to check the ID cards of your visitors as fast as possible to speed up the registration process? The ID-1 GO is the answer.



Data or image capturing from ID1 documents is not enough? Do you need to check other ID document formats as well? Have a look at the DESKO PENTA Scanner®.

For further information contact us via [info@desko.com](mailto:info@desko.com)

**DESKO®** 

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