

# micro OCR



## micro OCR OCR module for Integration

You need a handy and effective solution to read ID data? You want to build your own device, portable solution or kiosk? You need OEM modules and technical support for your project? Our micro OCR inclusive its installation package is the answer.

Our micro OCR kit for integration can read ID documents like passports, ID cards, visas and transfers the data to your application. Your application can be

Windows based or even Google Android based. Our micro OCR is compatible with PCs, laptops or even tablets thanks to our brand-new Android driver.

You want to integrate our solution into your project, we are happy to help! We support you with different integration guides, drawings and technical support, to make sure that your project will be a success.

### Your Advantages

- Driver for Windows and Android available
- Minimum size of OCR camera – only as big as a coin
- Complete integration kit including integration guides, drawings, test documents available
- We are happy to help – technical support during implementation available



Passport



ID Card



Visitor Registration



Police



Tax Refund

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## System Approach

Include ID data reading in your project with our micro OCR integration kit. The integration kit consists of an OCR camera, a controller board for data collection and transfer, connector cables in four different lengths and a USB interface.

Complete your solution with our micro OCR and collect ID data from passports, ID cards or visas faster, easier and more efficient than ever. Connect the micro OCR

to your application and you receive required ID data with one swipe in no time. No matter if you use a PC, laptop or tablet, our micro OCR works with Windows and Android systems.

The OCR module will assist you with any application where MRZ reading is required. It therefore is your perfect support for police identification checks, tax refund forms, visitor registration, and many more.

## Features

- **OCR/MRZ reader** for ID1, ID2 and ID3 document types (ICAO 9303, ISO/IEC 18013)

## Data Transfer

- **USB interface**

**NEW** driver for ANDROID™ available 

## Data Output

- **API:** Windows, Android
- **Keyboard Emulation**

## Reading Capabilities

- **MRZ reading** – ID cards, passports, visas, driving licenses (ICAO 9303, ISO/IEC 7501-1, ISO 18013-3)

## Certifications

CE, WEEE, RoHS

## Technical Data

Vcc: 5 V DC +/- 5 %

Icc: max. 150 mA

\*OCR Camera:

- with glass plate ca. L 33,9 mm (1.33 inches) × ca. W 16,41 mm (0.64 inches) × ca. H 23,1 mm (0.90 inches)
- without glass plate ca. L 33,9 mm (1.33 inches) × ca. W 14,55 mm (0.57 inches) × ca. H 23,1 mm (0.90 inches)

\*Controller Board:

ca. L 42,8 mm (1.68 inches) × ca. H 27 mm (1.06 inches)

Operating

0 °C - 50 °C

Temperature:

Storage

-10 °C - +60 °C

Temperature:

Reliability:

MTBF = 180.000 h

Host interface:

USB

\*Please contact us for detailed drawings.

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