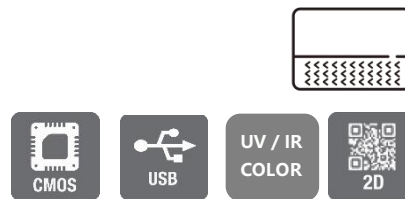


»»» Passport Scanner: IDE500

The IDE500 is a Passport and ID Scanner with multiple functions. It supports three types of image capturing (Color for full page image backup, IR for accurate OCR reading, UV for security printing and authenticity checking), ICAO9303 OCR-B MRZ code reading, barcode reading.

The scanner can significantly enhance the efficiency of hotels, foreign currency exchange offices, immigration, banks, government agencies, hospitals, etc.. For example, in the hotel, the scanner backs up the Passport & ID image copy, quickly reading the ID information to speed up the check-in/ check-out process.

The top cover is designed to be optional, making it more flexible to the user's choice. Its simple shape design makes it suitable for both desktop and embedded use.



- Fast: around 2 seconds for 3 types of images (color, IR, UV)+OCR or barcode
- Support OCR-B & MRZ code reading
- Support 2D QR and PDF417 barcode reading
- USB-powered, no need extra power supply



Features:

| Take ID images: Color / UV / IR

Equipped with 5 Megapixel lens, and with three types of illumination which enable Color, Infrared (IR), and Ultraviolet (UV) imaging capabilities

| Read OCR-B/ MRZ From ID documents

Take full-page image of ID documents and read 3 lines of MRZ (machine readable zone) in the ID card, and driver's license.

| Read QR & PDF417 Code From ID Card

Readable 1D & 2D QR and PDF417 codes from ID card/driver's license.

In addition, an optional barcode reader module is available for quick barcode reading from paper documents and mobile devices.

| Automatic Reading

The IDE500 automatically detects and reads the ID documents when we put them on its window.

| Suitable for both Desktop & Embedded use

Its design is suitable for both on-counter and self-service terminals embedded use

| USB Powered directly

No need extra power supply

| High speed

Around 1 second for ID color image capturing + OCR reading.

Around 2 seconds for three types of image(Color/IR/UV) + OCR reading.

| No moving parts

Durable and Reliable design, no moving parts

Applications:

- ◆ Hotels
- ◆ Tax refunds & currency exchange
- ◆ Immigration
- ◆ Banks,
- ◆ Government agencies
- ◆ Self-service kiosks...



Hotel Passport Scanner

Specification:

Performance	Image resolution	>500dpi	
	Lens	5 Megapixel sensor	
	Illumination/ Light source	White IR – Infrared UV – Ultra Violet (Optional)	
	Symbologies	OCR-B/ MRZ	ID &Passport documents: ICAO9303 OCR-B&MRZ
		1D code	EAN-13, EAN-8, UPC-A, UPC-E, UPC-EAN, Code 39, Code 128, Code 93, Codabar, EAN-13, ITF,
		2D code	PDF417 in ID documents, QR Code, Data Matrix, AZTEC, Maxicode
	Scan Mode	Automatic mode: automatic card placement detection and read; Manual trigger mode	
	Image Scan speed	Around 1s for single type image, around 2-3s for Color+ IR+UV (a little different with different computer)	
Mechanical/ Electric	Interface	USB 2.0 data transfer and USB powered	
	Power supply	USB 5V-1A, no external power needed	
	Dimensions	18.4(W)×15.7(D)×15.5(H)/cm with top cover 18.4(W)×15.7(D)×12.3(H)/cm without top cover	
	Weight	900g	
	Notification	Beep, LED indicator	
	Window	Anti-scratch glass	
OS	Driver	No driver is required.	
SDK	Software development kit	Supports to: Pick up name, ID number, etc. from MRZ data. 2.Decode bar codes. 3.Get original or cropped images. SDK is based on Windows only currently.	
Applications		Hotels, foreign currency exchange offices, immigration, banks, government agencies, hospitals, etc.	

Kiosk Embedded Use:

This scanner is also designed to be suitable for self-service kiosks, counters, and eGates embedded use.



The screenshot displays the ABCapture software interface, which is used for capturing and processing passport scans. The interface is divided into several sections:

- Top Bar:** Contains the software name 'ABCapture' and a window control bar.
- Mode Selection:** Three radio buttons are present: 'Infrared', 'White', and 'Ultraviolet'. 'Ultraviolet' is selected.
- Passport Scan:** A large area on the left shows a passport scan. The passport is a Chinese passport for Yang Xinhui, born on May 12, 1963, in Shandong. The scan is performed in Ultraviolet mode, showing a greenish tint.
- Processing Options:** A section on the right contains several checkboxes and buttons:
 - ☐ Support China ID Reader
 - ☐ Support Smart Card Reader
 - ☐ Support Barcode Reader
 - ☐ Callback function mode
 - 1. Connect device** (button)
 - Capture image and OCR** (section header)
 - ☐ Capture full image
 - ☐ Capture image buffer
 - ☐ Capture cropped image
 - ☐ Capture & Recognize(OCR)
 - Barcode** (section header)
 - ☐ Aztec
 - ☐ Codabar
 - ☐ Code39
 - ☐ Code93
 - ☐ Code128
 - ☐ DataMatrix
 - ☐ EAN8
 - ☐ EAN13
 - ☐ ITF
 - ☐ Maxicode
 - ☒ PDF417
 - ☒ QR
 - ☐ RSS-14
 - ☐ RSS-EXP
 - ☐ UPC-A
 - ☐ UPC-E
 - ☐ UPC-EAN
 - Capture & Decode barcode** (button)
 - Image of two barcodes** (button)
- Open file for OCR or Decode** (section header)
 - (file path input)
 - Recognize file(OCR)** (button)
 - Decode barcode file** (button)
- China ID Reader** (section header)
 - Read chinese ID** (button)
 - Get SAM ID** (button)
- Smart card reader** (section header)
 - Card status** (button)
 - M1 card number** (button)
 - (input field)
 - Vietnam ID card by key** (button)
 - Capture & Recognize & Vietnam** (button)
 - Capture & Decode/Recognize & Vietnam** (button)
- Automatic reading** (section header)
 - ☐ OCR
 - ☐ Barcode
 - ☒ Rfid
 - ☐ Smart card
 - Start auto read** (button)
 - ☐ Fatigue Test
- Barcode Reader** (section header)
 - (dropdown menu)
 - Connect** (button)
 - Start listen** (button)
- Hint:** A section at the bottom right contains two buttons: **To Chinese** and **Exit**.