All ID AL100
Passport Reader

AL100 Passport Reader is an ultra fast passport reader with high-precision OCR algorithm and consists of a unique hardware device and cutting-edge OCR engine. Ideally and accurately capture data with e-passports, Visas and other travel documents from different countries.

This multi-functional reader also supports auto-sensing trigger that can be easily operated and a simple API/SDK provided can be easily integrated.

Features

Easy To Use
Just put the document on the surface, the AL100 passport reader supports automatic trigger and automatic detection, it can read OCR and RFID data in one stop for higher security and speed.

Multi-illumination Sources
With high resolution of 400 DPI, the AL100 passport reader can produce superior image quality in visible white, IR and UV illumination.

Full Document Processing
AL100 passport reader supports ICAO compliant documents, MRZ, 1D and 2D barcodes, RFID and fingerprint reading.

Software Development Kit (SDK) Included
We equip every device with Software Development Kit (SDK) and drivers on a CD-ROM so that you can easily develop and design your own document scanning system in compliance with your customers. Our SDK supports various operation system and programming language.

Applications

- Embassies
- Airports / Trains / Bus Terminals
- Immigration Checkpoints
- Exit and Entry Management Bureau
- Inspection Station
- Police station
- Hotels, Banks & Travel agencies
- and many more

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Specifications

Readable Documents

Passport (Types)	e-Passport (Optional), Passport, Visa
	ICAO Document 9303 Specification Compliancy
	Reading of MRZ & RFID
	1D & 2D Barcode Reading (Optional)
	Also includes for Taiwan, Hongkong, and Macao
Other types(Customized)	Other travel documents can be customized if need to read full-image data

Data Capture & Processing Time (Seconds)

e-Passport	Reading time depends on user's RFID tag, operating system and types of chip
Others	Less than 1s (for OCR processing)

Imaging

Window size	127mm*96mm
Sensor	CMOS, 3 Megapixels (2048*1536)
Resolution	400 dpi
Illuminations	Visible, IR(850nm), UV(365nm) imaging (Optional)

Software Development Kit Features	SDK includes DLLs, OCXs, Demonstrations, Samples (support for VC, VB, C #, Java)

Trigger	Auto-trigger

Indicator	4 status indicator LEDs (for Power, Ready, Error, and Warning)
	4 user definable buttons

External interface	USB 2.0 | Integrated USB 2.0 Hub for external peripherals

Power Requirements

AC Input	100~240V, 50-60Hz 0.8A
DC Output	12V, 2A

Environmental

Operating temperature	-10℃ to 50℃ operating; -20℃ to 50℃ storage
Operating humidity	20% to 95% (non-condensing)

Dimension & Weight (L*W*H)

Size (L*W*H)	248*216*152mm (Packing size: 400*289*258 mm)
Weight	Net Weight - 2.2kg | Gross Weight - 2.7kg

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