High reading accuracy
Fast & Efficient data capture
Cutting-edge OCR technology
Customized client requirements

AL100 PASSPORT READER

INTRODUCTION

AL100 Passport Reader for international passport is ultra fast Passport Reader with High-precision OCR algorithm 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

- Compliance with ICAO Doc 9303 specifications
- A variety of travel documents recognized (by award-winning OCR engine)
- Easily control: automatically trigger
- 3.0 Megapixel provided, and the resolution of image captured is 390dpi
- Provided imaging in Visible image, Infrared (IR) image, and Ultraviolet (UV) image
- Customized FULL-PAGE contents extraction with different travel documents

SPECIFICATIONS

Readable documents (Need to comply with ICAO Document 9303 specifications)	Passport (Types)	e-Passport *(Optional)* • contactless integrated circuit (CIC) reading and writing • Supporting ISO 14443 Type A/B • Supporting e-Passports Basic Access Control (BAC) • Supporting Active/Passive authentications of e-Passport
		Passport, Visa • ICAO Compliancy • MRZ reading • RFID reading Also including for Taiwan, Hongkong, and Macao…
	Others (Customized)	(Other travel documents') Full page processing
Data captured & Processing time (Seconds)	e-Passport	Reading time depends on user's RFID tag, Operating system and types of chip
	Others	Less than 1s (just OCR processing)
Imaging	Window size	127mm×96mm Resolution: 390 dpi
	Sensor	CMOS, 3 Megapixels (2048*1536)
	Resolution	390 dpi
	Illuminations	Visible, IR, UV imaging *(Optional)*
Software Development Kit Features		Including 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)
Dimensions	Length	248mm
	Width	216mm
	Height	152mm
	Weight	1.5kg, (but the Weight with package is 2.7kg)

APPLICATION

Embassies
Border crossings
Public securities
- Exit and Entry Management Bureau
- Frontier Inspection station
- Local police station

Airports, Train/ Bus Terminals
Hotels, Banks, and Travel agencies

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