Full Page
Passport Reader

Full Page Passport Reader is a compact, fast and multi-functional document reader based on OCR technology. It is designed for extracting data from ICAO standard travel documents. It provides ideal solutions for identifying Passports, Visa, ID cards, Driver License and other travel documents.

Features

Read ICAO compliant & Non-ICAO documents

Obtain digital data from contactless chips(RFID)

Capture images in white, IR & UV Illuminations

Combine with high accuracy OCR SDK

Applicable for self-service kiosk

Provide customization OCR service

Applications

Airport Border Control	Security Access Control	Hotel Property Management	Finance Payment Process

Specification

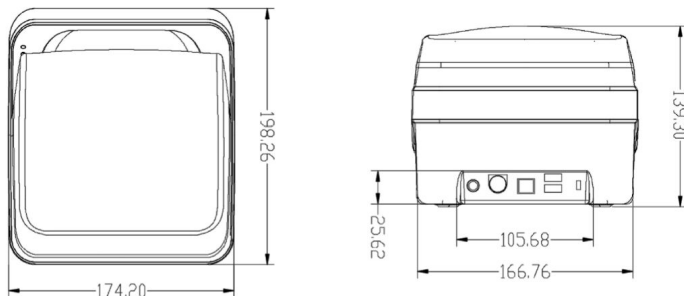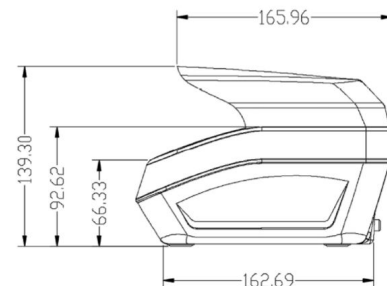| Supported Documents	
Machine Readable Zone	ICAO 9303 standard compliant documents: ID-1 (Identity Card) ID-2 (Passport, Visa) ID-3 (Passport)
Visual Inspection Zone	Customization based on clients' requirements
RFID	Read and write contactless ICs according to ISO/IEC 14443-S (Type A/B) Read smart card according to ISO/IEC 7816 Support e-passport Basic Access Control (BAC) & Extended Access Control (EAC) Support active/passive authentication
Barcode	1D: Code 128, Code 39, Interleaved 2 of 5 2D: PDF 417, QR Code, Data Matrix , Aztec Code

Image	
Resolution	500 DPI
Illumination	Visible, IR (850nm) and UV (365nm)
Color Depth	24 bits/pixels
Sensor	CMOS, 5.0 Megapixels (2592*1944)
Image Format	JPG, BMP, PNG
Field of View	127mm*88mm

Software	
Supported Operation System	Windows 7,8,10,Vista,XP (32/64 bit WHQL certified) Windows Server 2003 & 2008 (32/64 bit) Linux Ubuntu, CentOS, RedHat
Development kit	Complete OCR SDK including DLLs, OCXs, WebSocket, Samples and Demo program
Programming Languages	C#, C/C++, Java, Delphi, Visual Basic 6.0, VB.NET

Hardware	
Dimension	175*199*140mm(width*depth*height)
Weight	1.25kg (Net) 2.00kg (Gross)
Interface	USB 2.0
Status LEDs	Power, Ready, Error and Warning
Buzzer	Build-in buzzer
Power	Input: AC 100~240V, 50-60Hz, 0.8A Output: DC 12V, 2A
Operating humidity	20%-95%(non-condensing)
Operating temperature	-10℃ to 50℃ operating -20℃ to 50℃ storage
Warranty	1 year warranty, extensible

eTOP Solution