

Overview

RS100 is a compact, fast and multi-functional document reader based on OCRtechnology. 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 OCRSDK



Applicable to self-service kiosk



Provide customized OCR service

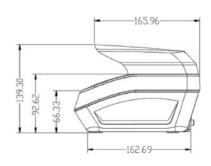
Specifications

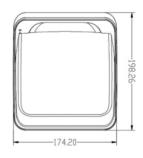
Supported Documents		
Machine Readable zone	ICAO 9303 standard compliant documents□ ID-1(Identity Card) ID-2(Passport, Visa)	
	ID-3(Passport)	
Visual Inspection Zone	Customization based on clients' requirements	
RFID	Read and write contactless ICs according to ISO / IEC 14443-S(Type AB) Read smart card 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, QRCode, Data Matrix, Aztec Code	

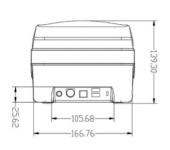
lmaging		
Resolution	500 DPI	
Illumination	Visible, IR(850nm) and UV (365nm)	
Color Depth	24 bits / pixels	
Sensor	CMOS, 5.0 Megapixels(2592*1944)	
Image Format	JPG, BMP, PNG	
Field of View	127mm * 88mm	
Software		
	Software	
0 440 5	Software Windows 7, 8, 10, Vista, XP (32 / 64 bit WHQL certified)	
Supported Operation		
Supported Operation System	Windows 7, 8, 10, Vista, XP (32 / 64 bit WHQL certified)	
System	Windows 7, 8, 10, Vista, XP (32 / 64 bit WHQL certified) Windows Server 2003 & 2008 (32 / 64 bit)	
	Windows 7, 8, 10, Vista, XP (32 / 64 bit WHQL certified) Windows Server 2003 & 2008 (32 / 64 bit) Linux Ubuntu, CentOS, RedHat	

Hardware		
Dimension (W*D*H)	175 * 199 * 140mm (width*depth*height)	
Majaht	1.25kg (netĎ	
Weight	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	
i owei	Output: DC 12V, 2A	
Operating humidity	20%-95% (non-condensing)	
Operating Temperature	10°C ~ 50°C	
Storage Temperature	-20°C ~ 50°C	
Warranty	1 year warranty, extensible	

Dimensions (mm)









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