




Kiosk Passport Reader KR420



Kiosk
Self Service Machine



Airport
Border Control



Security
Access Control



Hotel
Property Management


Introduction

Kiosk Passport Reader is a newly designed, multi-functional document reader with a removable cover. It is based on OCR technology and compliant with ICAO 9303 standard. It is able to extract data from Passport, Visa, ID card, Driver License and other travel documents. It provides perfect solutions for kiosk and desktop ID authentication.

Features



Read ICAO compliant &
Non-ICAO documents



Obtain digital data from
contactless chips(RFID)




Capture images in white,
IR & UV Illuminations



Suitable for self-service
kiosk integration



Combine with high
accuracy OCR SDK



Read Integrated Circuit
Cards (ISO/IEC 7816)

Specification

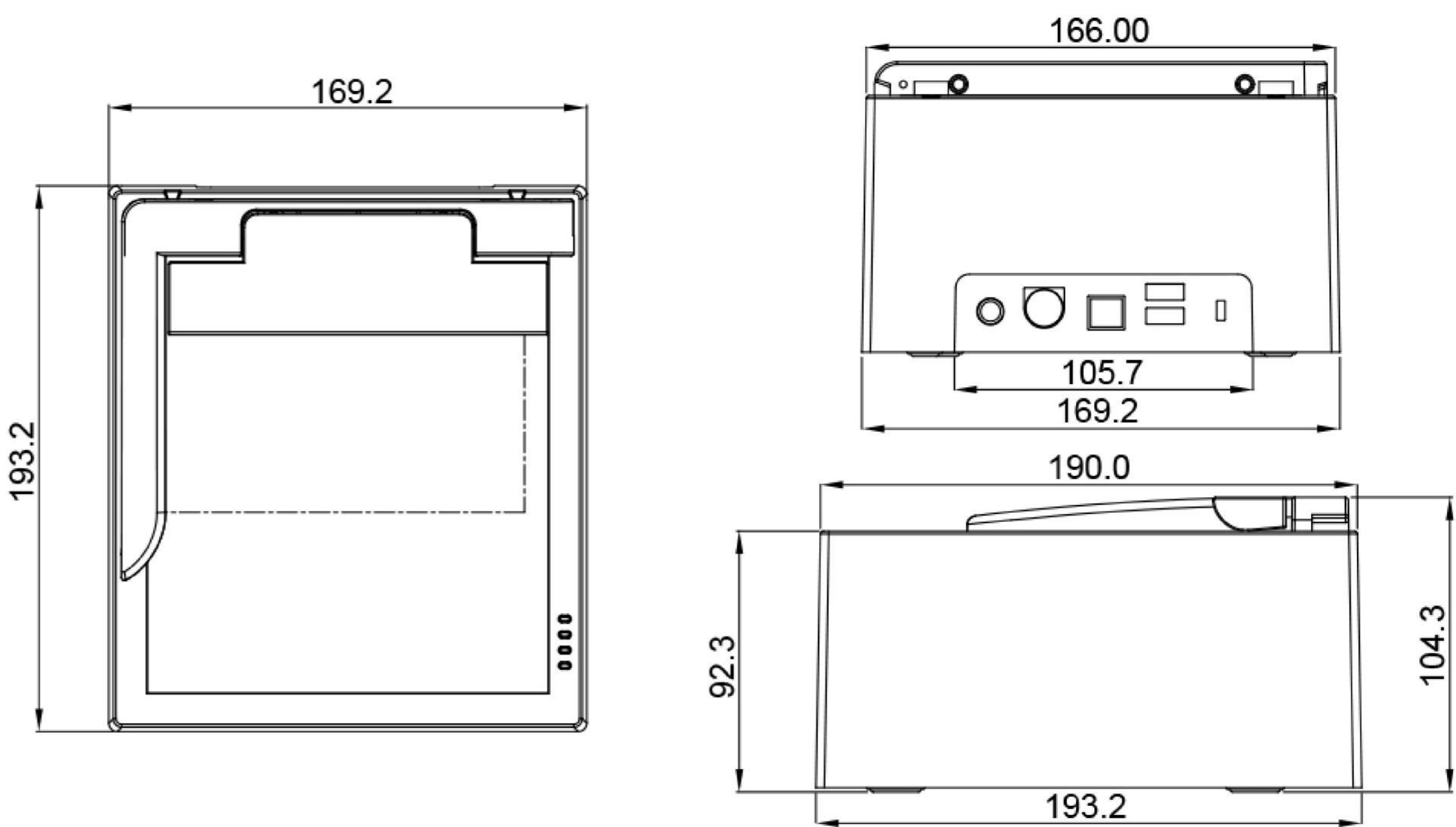
Supported Documents	
Machine Readable Zone	ICAO 9303 standard compliant documents:
	ID-1 (Identity Card)
	ID-2 (Visa)
	ID-3 (Passport)
Visual Inspection Zone	Customization based on clients' requirements
RFID (Optional)	Read contactless ICs according to ISO/IEC 14443-S (Type A/B)
	Support e-passport Basic 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
ISO/IEC 7816 (Optional)	Read Integrated circuit cards according to ISO/IEC 7816

Image	
Resolution	500 DPI
Illumination	Visible, IR
Color Depth	24 bits/pixels
Sensor	CMOS, 500 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
	Android
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
Security Check	UV Dull Paper Check; MRZ Comparison;son; Portrait Comparison; IR B900 Ink check.



Hardware	
Dimension (W*D*H)	169*193*104.30mm (without Cover)
	169*193*143.80mm (with Cover)
Weight	1.30kg (Net)
	2.11kg (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



Sinosecu Technology Corporation

