



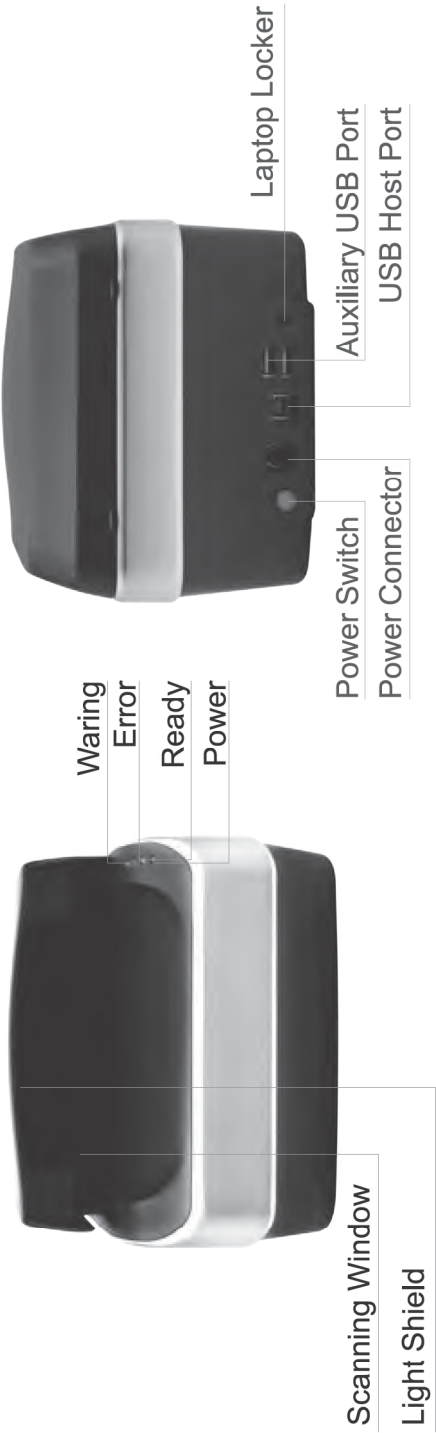
SINOSEC

APR5300(I)

USER MANUAL



Thank you for purchasing Sinosecu passport reader. It is a desktop scanner specially designed for fast and accurate reading of multiple document types: passports, e-passports, ID cards, visas, driver's licenses. And it can be widely used in any application, such as Airport, Hotel, Bank, Travel Agency, Immigration, Border Control.

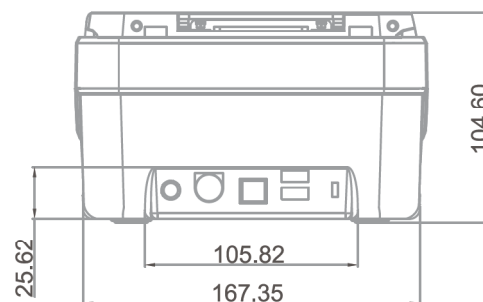
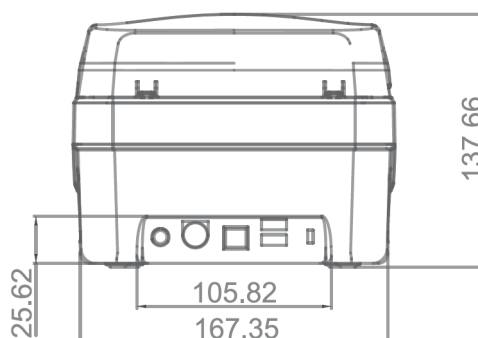
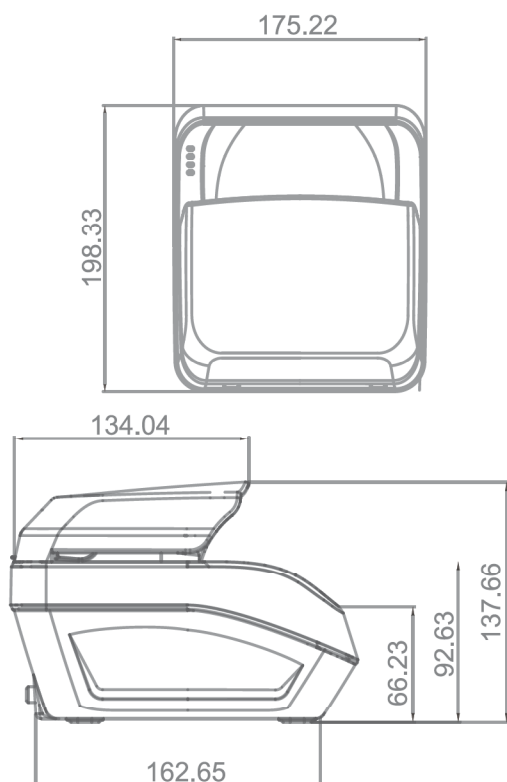
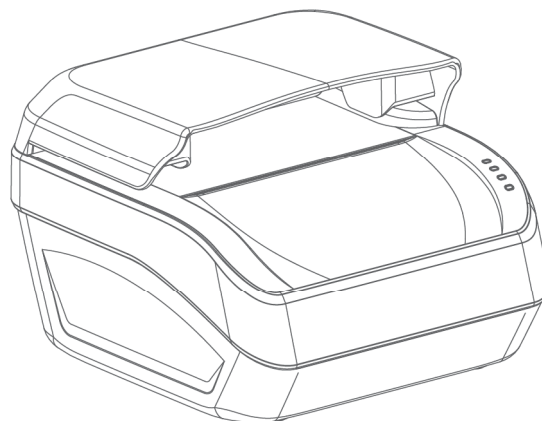


Introduction

Sinosecu Passport Reader, as a special desktop reader, is designed for fast/accurate full page document reading of passports, e-passports, ID cards, driver licenses and other travel documents. we also provide custom services for more types of documents.

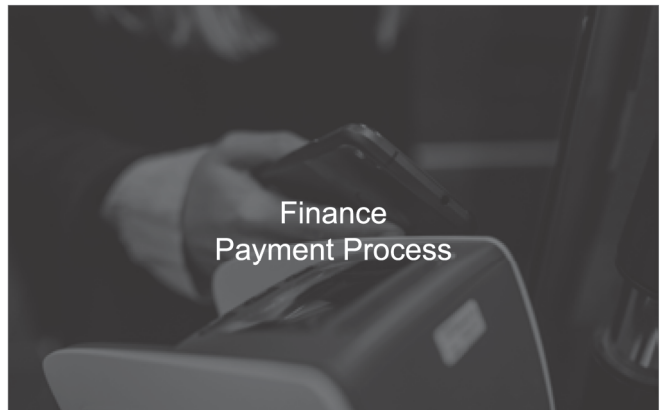
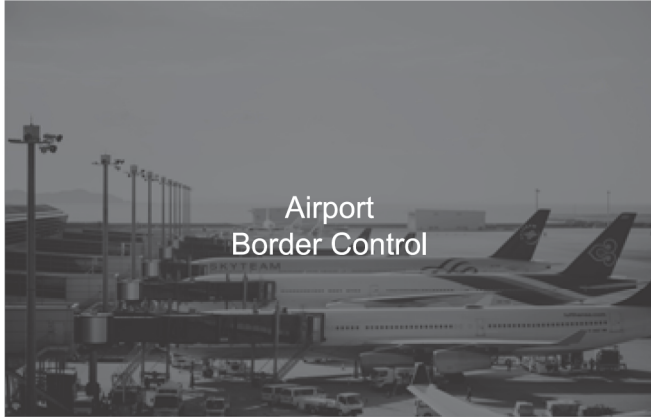
It supports ICAO-compliant and non-compliant travel documents. High-resolution images are captured by 5.0 Megapixel camera, and multiple illuminations (Visible, IR and UV) are also available.

The Passport Reader series are widely used in any application, such as hotels, airports, travel agencies, banks, immigration offices, border control.



Unit:mm

Application



Feature



Read ICAO compliant &
Non-ICAO documents



5.0Megapixel Camera
Resolution: 500DPI



Automatically trigger
Automatically detection



RFID(optional)



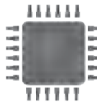
OCR technology
as Sinosecu developed



Client customization
requirements



Multi Illuminations
visible, IR, UV(optional)



Easy Integration
different samples available



Easily operation:
USB interface cable

System Requirements



Windows XP or higher
Linux: Ubuntu, CentOS, RedHat
CPU: Pentium 4 or higher
Memory: 512M or higher

Getting started

Software

Please find the CD and COPY all files into your computer, which are Passport reader's SDK.



 Image Calibration Tool	2017-11-22 23:50
 PassportReader Driver	2017-11-22 20:01
 SDK	2017-11-20 23:17
 Websocket	2017-11-20 23:17

Driver

In the folder of "PassportReader Driver", please install "32 bit" or "64 bit" driver according to your computer operating system.

Do not plug the reader in before installing the Sinosecu Passport Reader driver. You must install the driver first.

Demo

In the folder of "SDK", please install "setup.exe". Once the software is installed, there will be a desktop shortcut named "Sinosecu passport reader".

Connect to computer

Place the Reader on a flat, firm, solid surface within easy access.

(1) Connect the power line



(2) Connect the USB line

Please connect the reader and your computer with the USB line into your computer.

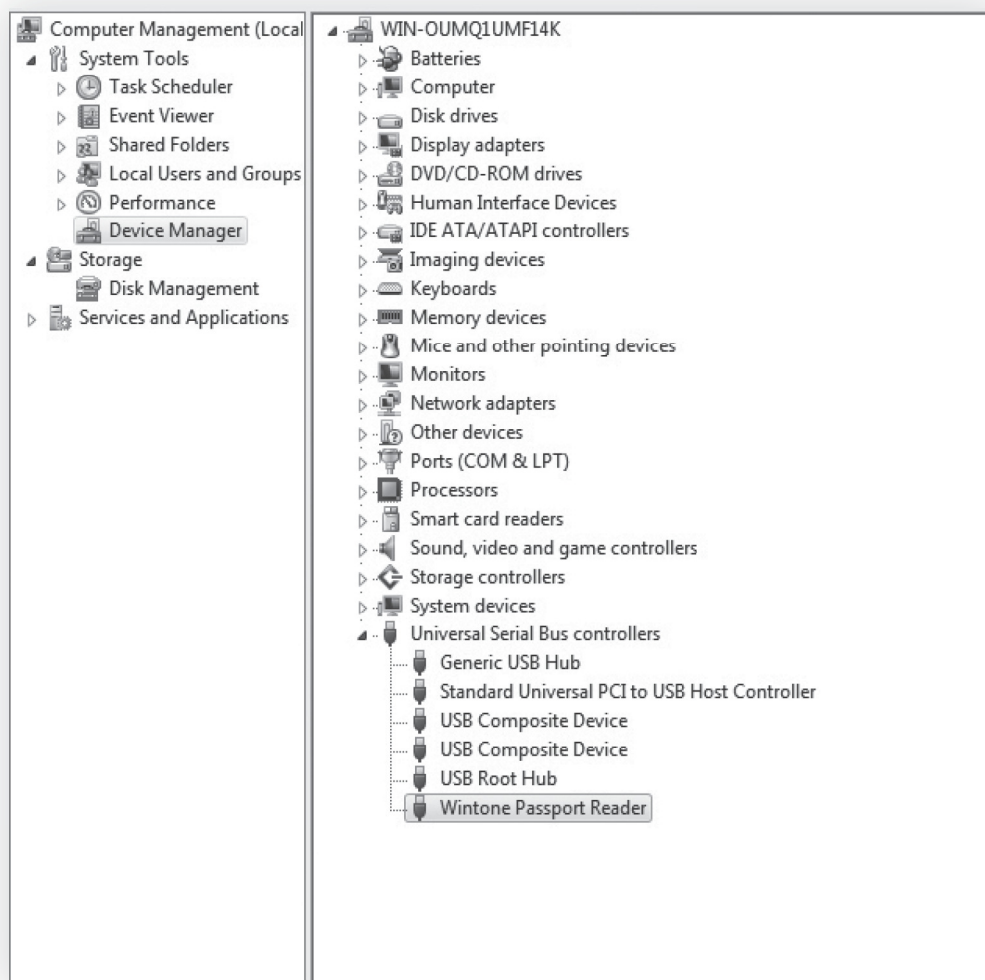


(3) Start the reader

Please turn on the power, the BLUE light means power is connected; then please click "Sinosecu Passport Reader" to test.

Make sure the reader is plugged in and working

1. Go to the "Control Panel", and find the Device Manager:
select "System" > "Hardware" > "Device Manager".



2. Make sure you see "Wintone Passport Reader" in the "Univessal Serial Bus controllers" section.
If you cannot see this item, then reboot the reader and plug it in.

Document Test

Please start Sinosecu Passport Reader program with the desktop shortcut. Then test the demo program with passports. The following images show you the proper way to put documents in.



Passport



Driver License



ID Card

Trouble shooting

Image Calibration Tool

If the image you captured is overexposed or underexposed, please find the folder of “Image Calibration Tool”, and run “Image Calibration Tool.exe” to process the image.

Note: The Image Calibration Tool can be used for Visible, IR.

The Reader doesn't work properly

(1) Connect the reader and make sure that the blue LED is on(leftside of the reader). If it is flashing or is not lit, there must be a power supply problem, maybe the USB cable is not connected, or the USB hub does not support USB2.0, or the Reader is defective.

(2) Make sure “Wintone Passport Reader” is in the “Universal Serial Bus controller” list. If it is not, please remove related entries in the device manager, then unplug the reader from PC, then reconnect. If this doesn't work, please re-install the driver package.

Fail to initialize

When used Sinosecu Passport Reader software to test passport reader, it shows message about initialize failed.

1.Make sure the passport reader works.

2. Update software. Check update if the version is V6.7.5.0 and later to install the update software, or contact to us.

Packing list

Passport Reader Package

Please carefully unpack the reader package. Any component missing or damaged, please inform us as soon as possible. Each of the package contains the following items:

NO.	Items	Qty
1	Passport Reader	1
2	Power Adapter	1
3	Power Line	1
4	USB Cable	1
5	Driver & SDK CD	1
6	User Manual	1
7	Warranty Card	1
8	Manufacturer's Certificate	1
9	Calibration Card	1
10	Microfiber Cleaning Cloth	1
11	Lighting Shield	1

Please read below information before use

1. Please make sure the reader can be as efficient as possible by keeping it out of direct sunlight;
2. Please do not expose the reader to damp or dusty environment;
3. Please make sure about the AC power to be used;
4. Please put the reader on a stable surface, unstable or tilted place may results in errors during the usage;
5. Please keep the reader package in order to facilitate future transportation.

FCC compliance statement

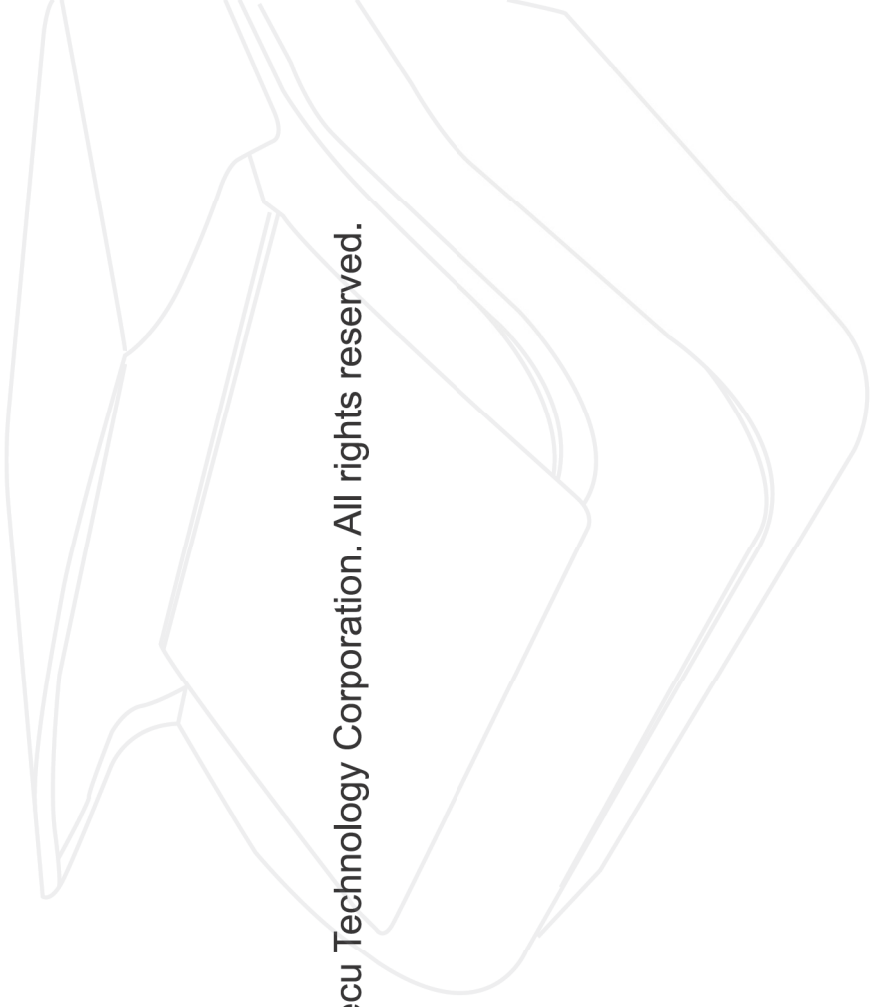
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



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