Kiosk Integration

The coronavirus pandemic is making a big impact in self-services. For example self-service checking and automated security e-Gate provide contactless experience.

The range of applications for reading and authenticating secure documents is growing. Particularly, with the development and deployment of ePassports and smart identity cards authentication has become critical to security. The SecureScan X200 is intended for integration into automatic border security kiosks, e-Gates, etc.

ePassport/eID

MRZ

NAME/COUNTRY

RFID

DG1~DG16

PASS

FALL

Telecommunication

Hotel

Hospital

Customs

Financial

Travel

School

Car Rental

SecureScan X200

An Advance Solution for Official Travel Document Reader

The Plustek SecureScan X200 is optical character recognition (OCR), full-image capture with RFID devices that provide automated data capture from a variety of personal identifi¬cation documents, including ePassports, passports, visas and ID cards. The SecureScan X200 which is compliant with ICAO Doc 9303 standards, and suitable for use in plethora of different industries; to capture, verify and transfer key personal data.
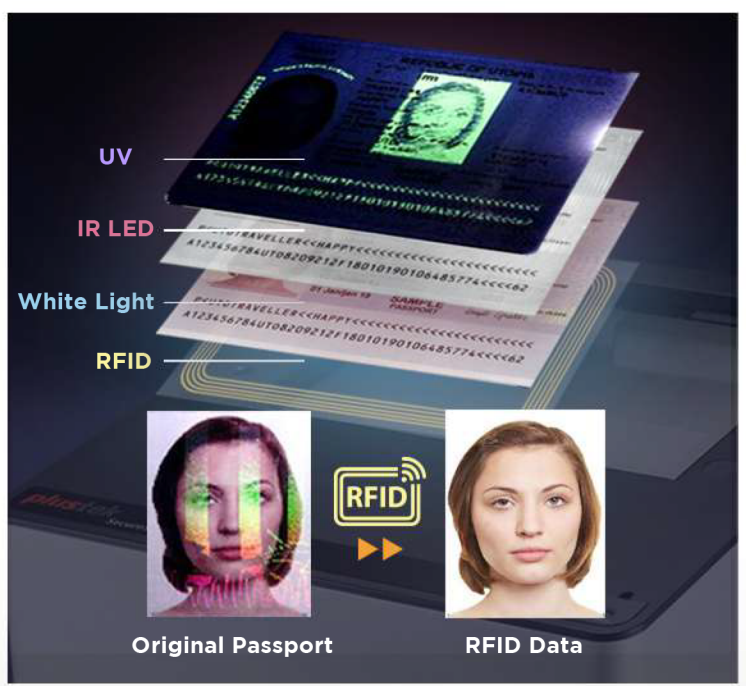
PASSPORT | **ID CARD** | **AUTO CROPPING** | **5 mega pixels** | **RFID** | **USB HUB extra**

Key Feature

✔ Reads 1D and 2D barcodes (PDF417, Aztec, QR codes and Data Matrix).

✔ The MRZ detection and recognition.

✔ Integrated ePassport support so operator can read the OCR and smartcard chip in one operation. All data groups, validations, basic access control (BAC), passive/active authentication and extended access control (EAC) are supported.

✔ Multiple light sources for image capture and authentication – visible (white light), infrared (IR), ultraviolet (UV).

✔ Provides USB2.0 port for attaching additional biometric devices like a webcam or fingerprint reader.

✔ Customized client requirements

Capable of Reading Machine Readable Zone and Visual Zone Data with 3 Light Sources

SecureScan X200 can capture and verify relevant data of all international passports, as well as plastic ID cards and other documents. The visible illumination can scan and output color image for view or recognition, the IR illumination can remove CMY color or hologram, and the UV illumination can extract hidden fluorescence symbol with color for better recognition of ID or Passport authenticity. Scanning time for all three images is in average around 2 seconds, depending on image resolution.

UV
IR LED
White Light
RFID

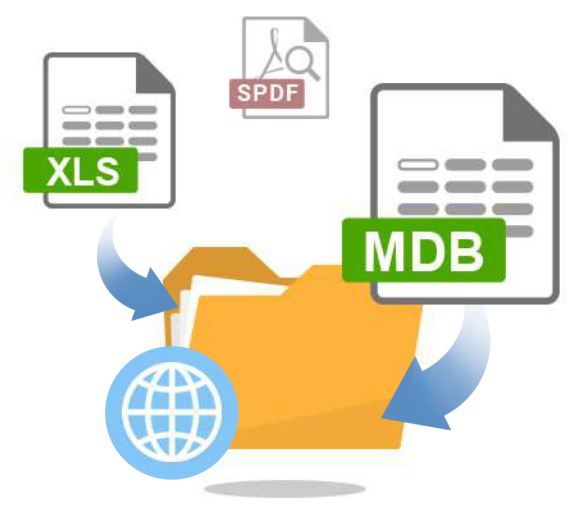**Original Passport**   **RFID Data**

White Light   **IR LED**   **UV**

Integrate Identity Management Systems

Plustek has developed a collection of software development kits (SDKs) and application programmer interfaces (APIs) to facilitate the development of verification and authentication applications. Supports various programming languages and interfaces (C/C++, C#, Java, VB/Web), allowing SI to develop customized applications.

Authentication and Security

The range of applications for reading and authenticating secure documents is growing.
The SecureScan X200 can help the operator detect forged or counterfeit documents. Reading the UV features printed in fluorescent inks on a document provides inspectors with color images of covert document security features.

RFID Recognition

The ePassport provides security designs, which has personal biological characteristics such as fingerprint, facial recognition and pupils and greatly improves the anti-counterfeiting function of passport.
The SecureScan X200 integrated RFID antenna design that is especially designed for ePassport detecting and reading information encoded on contactless integrated circuits in passports and ID cards. The RFID module is able to read RFID documents according to ISO 14443 (A/B), ISO 7816 (incl. US passport), ICAO 9303.

PA
AA
BAC
EAC

ICAO Doc 9303 standard