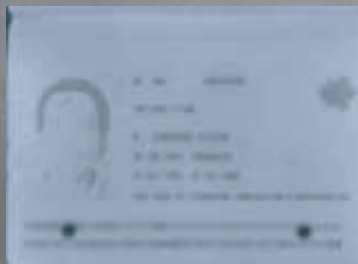


Sentinel Trio

Normal Light



IR Light



Coaxial Light



The Sentinel Trio scanner is the newest addition to the Sentinel family of passport scanners designed and manufactured by PCS Security. The Sentinel Duo, part of the Sentinel family, is currently deployed at immigration counters at all air, land, and sea checkpoints in Singapore.

The Sentinel Trio scanner combines the powerful and reliable features of the Sentinel Duo with advanced Counter Forgery Detection capabilities and better biometric passport handling capabilities.

Key Benefits

- ★ **Counter Forgery Template Matching**
A powerful software feature found in the Sentinel Trio SG model that allows for automated forged document detection.
- ★ **Automated Data Entry**
The Sentinel Trio automates the entry of data from ICAO compliant passports and travel cards. This automation saves time and minimizes human errors in the keying in of data like names and personal particulars.
- ★ **Document Scanning and Archiving.**
Scanned images are processed and stored in databases for archiving and intelligence gathering purposes.
- ★ **Biometric Passport Ready**
The scanner is biometric passport ready having successfully participated in interoperability trials both locally and internationally.

Hardware Specifications

- **Dimension:** Width 290mm x Depth 205mm x Height 240 mm
- **Weight:** 5kg
- **Interface :** USB 2
- **Scanning Window:** 155 mm x 130 mm
- **Method of Scan:** Face Down
- **Optics:** 3 Mega Pixel Camera
- **Image Resolution:** 380 dpi
- **Image Format:** BMP, JPEG, JPEG2000, PNG
- **Illumination:** Visible, IR, UV, Coaxial
- **RFID Protocol:** ISO 14443
- **RFID Baud Rate:** ISO 14443 A/B up to 848 Kbit/sec
- **Power Supply :** External Power Supply (100-240 V, 50/60 Hz N12V DC), power card.
- **Others:** Kiosk Kit Available

Software Specifications

- **Supported Operating System:** Windows 2000, Windows XP
- **Document Type:** ICAO compliant Passport and Travel Cards
- Automatic Document Detection
- Automatic Counter Forgery Detection (3M Laminate, Kinegram, UV & Checksum)
- Biometric Passport Reading (ICAO 9303 – ePassport Standards)
- 1 D Barcode Reading
- MRZ Reading Capability