Examine & Authenticate
Passports and ID Cards
Detect & Reveal
Alterations and Counterfeits

VSC QC1+
rapid document scanner

foster + freeman
Forensic Science Innovation

1978-2018
forty years in forensics

FF:02/18
Far more than a desktop scanner, the touchscreen VSC® QC1+ enables a series of high-level checks to be carried out on a passport or ID card in seconds, combining ease of use with rapid examination, facial comparison, and data capture.

Rapid One-Step Examination of Identity Documents

The VSC® QC1+ is a fully-integrated passport and ID card authentication system that enables advanced document checks to be performed at the frontline.

Automatically triggered when a passport or ID card is placed onto the examination plate, the VSC® QC1+ performs 12 automated checks on a document in a matter of seconds. Once the initial checks have completed, a number of additional advanced examinations, including live facial comparison, may be performed.

The VSC® QC1+ increases the stringency of frontline security whilst maintaining the high throughput and simplicity of use required by check-in desks, immigration controls, and border crossing points etc.

Document examination features include:

- UV, Visible, & IR illumination
- Machine Readable Zone (MRZ) check
- OCR document data capture
- Barcode data capture
- Data comparison - ePassport vs MRZ
- Facial comparison - ePassport vs photo

Additional examinations may include:

- Zoom magnification - up to x1000
- Facial comparison - webcam vs photo
- Facial comparison - webcam vs ePassport
- External OVD/Kinegram® illumination
- Reference database comparison
Examinations are quick and easy to perform via the large examination screen and thumbnail control bar.

**User-Friendly software**
Examinations are quick and easy to perform via the large examination screen and thumbnail control bar.

**FACIAL comparison**
Semi-automated pass/fail comparison of live (webcam) images against embedded eChip & printed images

**Inspect Security Features**
Examine documents and reveal hidden security features under 7 modes of UV-Vis-IR illumination

**MRZ & ePassport reader**
Automatically recognize & decode Machine Readable Zones, RFID ePassports, & Embedded Personal Data

**TOUCH screen interface**
Ideal for frontline operation, all functions can be performed via the integral touchscreen interface.

**User-Friendly software**
Examinations are quick and easy to perform via the large examination screen and thumbnail control bar.

**DATABASE integration**
Connect to the optional reference database to compare documents with authentic images.

Updated to meet the demands of contemporary frontline border control, the VSC® QC1+ provides many advanced examination features within a compact and user-friendly system.
foster+freeman A COMPLETE ID VERIFICATION SOLUTION

foster+freeman design and manufacture some of the world's most advanced systems for the forensic examination of travel & identity documents. Linked by a common software platform, foster+freeman systems may be connected via a secure network to create a complete ID verification solution that incorporates the rapid authentication technology required for front desk applications with the high-level inspection technology utilised by forensic document examination facilities.

VSC® QC1+ System Hardware Specifications

- **Camera**: 5MP
- **Image Zoom**: up to x1000 digital zoom
- **Illumination**: White 400-700nm, UV 365nm, IR 830nm, Transmitted, Co-axial, Side
- **Touch Screen**: 12.3" hi-res display, Capacitive touch screen, USB 3.0 interface
- **Power Supply**: 110-240 volts

VSC® QC1+ Optional Accessories

- **Security Documents database**: Information and images of over 1,100 passports, ID cards and Driving Licences from 197 countries
- **Annual subscription**: VSC/DB/KDATA
- **Archive database**: VSC/DB/ARCHIVE
- **IPI Decoder**: Software module to enable detection of Invisible Personal Information
- **Keyboard & Mouse**: An alternative input method
- **Web Cam**: Capture images for facial comparison
- **PC and Monitor**: An alternative to the 10" tablet, Computer, 19" flat panel monitor
- **Vehicle Power Adaptor**: Power the VSC-QC1 via a car battery
- **Protective Carry Case**: Lightweight case with shoulder strap
- **X10 External Magnifier**: Handheld loupe for the manual examination of microprinting

Remote Document Examination

A new concept in document examination, foster+freeman systems are designed to capture and share high-resolution images of documents across a secure network providing a cost effective solution to border forces tasked with securing multiple crossing points with limited human resources.