

Forensic Science Innovation

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foster + freeman

VSC-QC1

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# rapid document scanner

Examine & Authenticate Passports and ID Cards

**Detect & Reveal** Alterations and Counterfeits



## VSC<sup>®</sup>QC1<sup>+</sup> RAPID-TOUCH DOCUMENT AUTHENTICATION

Far more than a desktop scanner, the touchscreen **VSC®QC1**<sup>+</sup> 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<sup>®</sup>QC1<sup>+</sup> 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<sup>®</sup>QC1<sup>+</sup> 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<sup>®</sup>QC1<sup>+</sup> 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

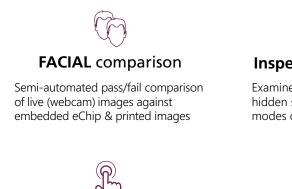
#### Additional examinations may include:

- Zoom magnification up to x1000
- Facial comparison webcam vs photo
- Facial comparison webcam vs ePassport
- External OVD/Kinegram<sup>®</sup> illumination
- Reference database comparison



# VSC<sup>®</sup>QC1<sup>+</sup> SYSTEM FEATURES

Updated to meet the demands of contemporary frontline border control, the **VSC**<sup>\*</sup>**QC1**<sup>+</sup> provides many advanced examination features within a compact and user-friendly system.



#### **TOUCH** screen interface

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



#### Inspect Security Features

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



### **User-Friendly** software

Examinations are quick and easy to perform via the large examination screen and thumbnail control bar.



#### MRZ & ePassport reader

Automatically recognize & decode Machine Readable Zones, RFID ePassports, & Embedded Personal Data



#### **DATABASE** integration

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

### **VSC<sup>®</sup>QC1**<sup>+</sup> System Hardware Specifications

Camera Image Zoom	5MP up to x1000 digital zoom	Security Documents database Information and images of over 1,100 passports, ID cards and	Archive database VSC/DB/ARCHIVE Annual subscription
Illumination	White 400-700nm UV 365nm	Driving Licences from 197 countries	VSC/DB/KDATA
	IR 830nm	IPI Decoder	VSCQC1/IPI
	Transmitted,	Software module to enable detection	VSeqei/III
	Co-axial, Side	of Invisible Personal Information	
Touch Screen	12.3" hi-res display	Keyboard & Mouse	VSCQC1/KM
	Capacitive touch screen USB 3.0 interface	An alternative input method	
		Web Cam	VSCQC1/WC
Power Supply	110-240 volts	Capture images for facial comparison	
		PC and Monitor	
	1	An alternative to the 10" tablet	
Physical Dimensions		Computer	VSCQC1/PENT
Height 153mm	foster + freeman	19" flat panel monitor	VSCQC1/MON
Width 181mm		Vehicle Power Adaptor	VSCQC1/VP
Depth 250mm	- fat	Power the VSC-QC1 via a car battery	
Weight 2.5kg		Protective Carry Case	VSCQC1/CC
	VSC-QC1	Lightweight case with shoulder strap	
		X10 External Magnifier	VSCQC1/EL
		Handheld loupe for the manual examination of microprinting	

### 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<sup>®</sup>QC1+ Frontline Examination

A rapid, semi-automatic document scanner for the frontline verification of passports and ID cards

#### PD2000 2nd Line Examination

Captures high-resolution images of passports under UV-Vis-IR light sources for on-the-spot examination, transfer to a remote location via secure network, or for the creation of a highquality reference database.

#### VSC<sup>®</sup>8000 Forensic Examination

Designed to meet the requirements of immigration authorities, government agencies and forensic science laboratories, the VSC8000 includes advanced features for the examination, comparison and authentication of documents

#### **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.



VSC<sup>®</sup>QC1<sup>+</sup> Optional Accessories

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