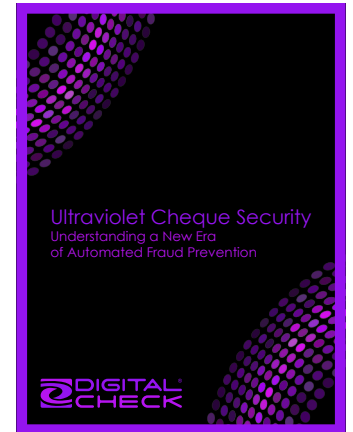


## UV Cheque Security Whitepaper

Available at  
[www.digitalcheck.com](http://www.digitalcheck.com)



## Seamless. Flexible. Secure. Proven.

Ultraviolet security features are used on payment documents around the world, and automated scanning takes their effectiveness to a whole new level of precision. Digital Check's TellerScan and CheXpress scanners unlock the full power of UV in an affordable, proven hardware package.

### Instant Verification

Scanning and computerized authentication of a UV-printed cheque takes less than a second, compared to 30 seconds or more for a close manual inspection.

### Inspect 100% of Documents

Automated scanning lets you check the UV on every document, every time. When inspecting by hand, many banks reported verifying only a small percentage of incoming items, or only those with the highest values.

### No Loss of Speed

Most UV scanners capture visible light by default, and slow down when the UV camera is turned on. Digital Check is the only brand to continue operating at top speed whether scanning visible light, UV, or both.

### Seamless Transition

Compatible with existing banking and processing systems without affecting operations or requiring software upgrades. Can be used as a regular non-UV scanner, and ultraviolet switched on when ready.

### Use Stronger Security Features

Scanning lets you read security features meant for machines – including bar codes, numeric algorithms, QR codes and more.

### Proven Fraud Deterrent

Countries requiring UV have demonstrated significant reductions in fraud from both fake and altered cheques.

### The Experts in UV Scanning

Digital Check is leading the way in UV authentication. As the first manufacturer with a large-scale deployment of UV cheque scanners, we have built on years of experience to understand what really works in UV.

To learn about the state of UV technology in more detail, as well as how Digital Check can help you, contact us at:

[sales@digitalcheck.com](mailto:sales@digitalcheck.com)

## Remote Deposit Capture

Digital Check's CheXpress CX30 is the most popular cheque scanner for remote deposit capture worldwide. Priced for business users, it makes ultraviolet affordable enough to push out to the customer, allowing RDC in countries where fraud is a concern. For higher-volume clients with many cheques to process, the TellerScan TS240 is also a suitable option for UV-enabled remote deposit.

## Teller Window Capture

The CheXpress CX30 UV model brings ultraviolet validation to the teller counter, providing an effective way to stop fraud on the spot. The presence of automated UV scanning equipment has been shown to be a significant deterrent to those who would attempt to deposit altered cheques in person. Our TellerScan UV series is also suitable for use in high-volume and business teller windows. The 50-document per minute model is fast enough for large cheque batches, and durable enough to last for years in a high-use environment.

## Back Office Capture

Our flagship TellerScan TS240 is widely used in back office deployments around the world, with an installed base of over 100 countries, with significant installations in Asia, South America, and Africa. A 100-document per minute model can handle the large number of cheques at a branch in a timely manner.

### CHEXPRESS CX30UV SPECIFICATIONS

#### Document Handling

Single-feed input at up to 30 dpm

#### Capture Resolution (Optical)

200 or 300 dpi

**UV Wavelength: 365 nm +/- 15 nm** (front image only)

#### MICR Recognition

CMC7, E13B, Auto-Sensing and OCR Best Read™ API function

#### Printer Option

Single line inkjet printer with user replaceable cartridge

#### Separate External Power Supply

Input Voltage: 100 to 240 VAC, 50/60 Hz - Auto sensing

Power Consumption: 24 Watts

#### Size

H: 7.47" (18.97 cm) W: 3.92" (9.96 cm) L: 9.38" (23.83 cm)

Weight: 3.95 lbs. (1.8 kg)

#### Supported Operating Systems

Windows® XP, Windows Vista®, Windows 7®, Windows 8®



## Worldwide Expertise and Compatibility

Digital Check scanners are used in more than 100 countries on all six continents. We continuously work with banks and regulators in the countries where we do business, to make certain that our products are compatible with local standards and requirements. All of our scanners can be set to capture in resolutions between 200 dpi and 300 dpi for global compatibility, and are designed for both E13B and CMC7 MICR fonts, as well as OCR and a variety of bar codes.

With three decades of experience doing business internationally, and distributors and business partners all around the globe, we can provide fast and efficient local service through a network of factory-trained service teams.



### TELLERSCAN TS240UV SPECIFICATIONS

#### Documents Handling

Multi-feed speeds of 50, 75 or 100 dpm | 100 item input tray

#### Capture Resolution (Optical)

200 or 300 dpi

**UV Wavelength: 365 nm +/- 15 nm** (front image only)

#### MICR Recognition

CMC7, E13B, Auto-Sensing and OCR Best Read™ API function

#### Printer Option

Single line inkjet printer with user replaceable cartridge

#### Separate External Power Supply

Input Voltage: 100 to 240 VAC, 50/60 Hz - Auto sensing

Power Consumption: 45 Watts

#### Size

H: 7.5" (19.05 cm) W: 5.10" (12.95 cm) L: 11.10" (28.19 cm)

Weight: 5.20 lbs. (2.40 kg)

#### Supported Operating Systems

Windows® XP, Windows Vista®, Windows 7®, Windows 8®



THE SECURE CHOICE™

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