

Digital Check CX30

Compact Check Scanner for Cheque 21[®] Systems

Features:

- High-quality, affordable, single-feed check image scanner
- Ergonomic design, energy efficient and quiet operation
- Highest quality front and back images
- Improved Best Read[®] check MICR reading for accuracy
- Dual inkjet printing for improved Check 21 and audit trail imaging
- Cheque 21[®] Systems compliant
- Advanced Unit Exchange

Designed for smaller volumes

The Digital Check CX30 leverages Digital Check Corporation's experience in demanding bank and financial applications to make the most advanced design for check image capture on the market today. Designed expressly for smaller and exception volumes, the single-item feeder creates the highest quality images for both sides of a check or reply device in just about one second, making the CX30 an ideal scanner.

Ergonomic design

The CX30's quiet operation does not distract from office activities while using just 4" x 7" of desktop space. The scan and return along with routing of cables beneath the CX30 further minimizes desk space. The scanner is quiet and attractive.

Highest quality images

Each check is scanned on the CX30 is analyzed using adaptive thresholding into black and white using specialized software technology to sharpen the edges of characters. This provides a clear, easy to read images that support Cheque 21[®] Image Quality and Usability standards that are combined with anti-skew support to give superior numeric courtesy and handwritten legal amount check recognition ("CAR/LAR"); and, optical and intelligent recognition of machine print, signatures, mark detection, and name/address information. Checks with complex backgrounds, such as the US flag, or, with faint printing are captured and stored in grayscale for subsequent data verify or subsequent research.

Improved Best Read[®] check MICR reading

The CX30 advances Digital Check's Best Read[®] MICR reading technology with improved algorithms. The integrated magnetic hardware-based reader passes the check's MICR scan line information to the controlling CheckStorm[™] PC, using a high-speed USB2.0 link for decoding and maximum accuracy through OCR enhanced multiple verification techniques.

Advanced Unit Exchange

Peace of mind comes with knowing a replacement CX30 will arrive quickly so Gift Entry and Gift Processing can work with maximum uptime. Aqubanc exclusively offers 5-year CX30 Advanced Unit Exchange for Cheque 21[®] System clients.

Dual inkjet printing capability

The programmable inkjet can endorse dates, sequential or transaction numbers on the back of the checks and Reply Devices before this image is captured by the CX30.

Cheque 21[®] System compliant

The CX30 shares a common Advanced Programming Interface ("API") with all Digital Check image scanners. Adding another Digital Check scanner to an existing Cheque 21[®] System within the organization becomes a snap.



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CHEQUE 21[®] SYSTEMS

CX30 Specifications

Paper Size: Typically personal-to-business check sizes
Document Height: 2.12" - 4.17" (54-106mm)
Document Length: 3.19" - 8.97" (80-228mm)
Document Weight: 16-120 lb. (60-500 grams/sq. meters)
Pass Through Mode: 23mm thick

Scanning Method: Concurrent Two-sided Duplex
Image Creation: 2 x 1,275 cell, 108mm CIS
Light Source: Tricolor LED

Endorser: Programmable inkjet, prior to scan, 12 dots/channel, True Type Fonts and BMP graphic printing
Estimated Yield: From 5-7M characters per HP cartridge
Cartridge: Hewlett Packard C6602A

In-Line MICR Recognition: MICR recognition firmware for E13B (USA & UK), CMC7 (European), Magnetic MICR waveform passed for Best Read MICR Read Rate

Transport Speed: 19.7" (50 cm) per second, up to 30dpm

Scan Modes: Scan & Return or Exception Pass Through

Manufacturer's Scanning Performance:

The typical scan speed is just over one second per 6" document (personal check). Depending upon the PC speed and using the recommended USB2.0 connection, an operator may feed up to 30 documents per minute

Standard Interface:

Standard USB2.0 (recommended)
Compatible with USB1.1 with performance limitations

Image Capture and Compression:

JPEG 24-bit (16m shades) – color; 8-bit for grayscale
TIFF Group 4 Black and White

Image Resolution:

240 x 240 dpi (Scan at 300dpi and scaled down to 240)
200 x 200 dpi (Scan at 300dpi and scaled down to 200)
120 x 120 dpi (Scan at 300dpi and scaled down to 120)
100 x 100 dpi (Scan at 300dpi and scaled down to 100)

Diagnostic Tools: Allows for full testing of scanner functionality
Serviceability: Firmware upgrade of functionality

Firmware:

Uses CX30 Firmware.bin with Digital Check API9.x or later

Software Tools: API Toolkit 32 bit

Required Operating System: Windows XP or Windows Vista

Required DLL: TS2dll.dll which comes with API 9.x or later

Recommended PC Configuration: DigitalCheck@aqubanc.com

Electrical: Power consumption: 24watts

Input Voltage: 100 to 240 VAC (+/- 10%), 50/60hz

Separate Standard Power Supply: Auto sensing for voltage

Product Life: Designed for a useful life of over 2,000,000 items

Duty Cycle CX30: Up to 1,000 items per day

Mean Time To Repair (MTTR): 15 minutes

Operating Temperature: 60° - 90° F (15° - 32° C)

Operating Humidity: 35-85% non-condensing

Certifications: UL, CE, FCC Class B, CEC IV, RoHS

Weight: Under 2 lbs.

Unit Size: 9.5" x 4"

(includes paper guides)



Contact Aqubanc[®] at 800.350.4720

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