DIGITAL® CHECK

CHEXPRESS® CX30

A Bank Quality Scanner at a Small Business Price

The CheXpress® CX30 is the first low cost bank quality scanner designed for Remote Deposit Capture that does not compromise on features and function. The CX30 builds on Digital Check's track record of the highest image quality, MICR accuracy and dependability. The CX30's capabilities help banks address the Federal Financial Institutions Examination Council (FFIEC) guidance for remote deposit.

ERGONOMICALLY DESIGNED
The CX30's stylish, fast and quiet design is ideal in an office environment where desk space is always a premium. With the vertical design, scan and return function and the special cable routing feature, the scanner requires minimal desk space.

DUAL ADAPTIVE MICR READ
The CX30 has the ability to capture the MICR data on the 'Scan & Return' path. Based upon the initial MICR results, the scanner adjusts the magnetic read head on the return read resulting in maximum MICR accuracy and the ability to read laser printed checks.

ADVANCED IMAGE CAPTURE
The CX30 can capture multiple images as the check enters and leaves the scanner. This gives the application the ability to optimize image thresholding capabilities for maximum CAR/LAR rates and image quality. The state of the art cameras do not require cleaning and their built in lenses create sharper images at any resolution.

FLEXIBLE INKJET PRINTING
The unique paper path of the CX30 allows an application to print an endorsement and audit trail on the check before or after image capture. This allows an application to do unique forms of processing, such as, making an endorsement decision based upon the MICR line read.

FRAUD DETERRENT
The CX30 also supports an optional check franking stamp. The scanner will place a red stamp on the front of the check just below the legal amount field on a personal check. The stamp can be used in one of 4 modes of operation; Frank All, Frank None, Intelligent Frank based on valid MICR on MICR documents only or Frank Under Banking Application Control.

ENERGY EFFICIENT
The CX30 was designed with a concern for the environment and the rising cost of energy. The scanner automatically shuts down when the host PC is turned off. The CX30 also meets several world environmental standards.

DCC'S PROVEN API
Further enhancing the functions of the CX30 scanner is our feature rich Application Interface (API).

Popular API features include:
- Virtual Endorsement
- Best Read™ MICR with OCR recognition
- Best Read™ Image with adaptive thresholding
- Remote Monitoring
- Special Document Thresholding for hard to read checks based upon ABA and / or account number
- Automatic image rotation

THE SECURE CHOICE™

CHEXPRESS® CX30

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Unit Size:
Height: 7.47" (18.97 cm)
Width: 3.92" (9.96 cm)
Length: 9.38" (23.83 cm)
Weight: 3.95 lbs. (1.8 kg)

Paper Size: (Up to UNI A6)
Document Height: 2.12" - 4.13" (54 - 105 mm)
Document Length: 3.19" - 8.98" (81 - 228 mm)
Document Weight:
Scan & Return Mode: 16 - 28 lb. bond (60 - 105 gsm)
Pass Through Mode: 16 - 54 lb. bond (60 - 203 gsm)
Document Thickness:
Scan & Return: 0.0032" - 0.0058" (0.081 - 0.147 mm)
Pass Through: 0.0032" - 0.0090" (0.081 - 0.229 mm)

Printer: Programmable, single line inkjet printer with user replaceable cartridge

Franker: User replaceable red ink stamp

In-Line MICR Recognition: Bi-Directional
(Magnetic Ink Character Recognition) for E13B
(North America) and CMC7 (Europe)
Optical Character Recognition to enhance MICR Read, further enhanced using DCC's Best Read™ API function

Transport Speed: 19.69 inches per second (50 cm)

Throughput:
Scan and Return Mode: Up to 30 documents per minute
Pass Through Mode: Up to 60 documents per minute

Standard Interface: Standard USB 2.0

Scan Modes: Scan & Return, Pass Through

Supported Compression:
JPEG (24 bit color, 8 bit Grayscale)
BMP (24 bit color, 4 or 8 bit Grayscale)
TIFF Group 4 B/W

Image Resolution Optical:
300 x 300 dpi - 8 bit Grayscale
300 x 300 dpi - 24 bit Color
Image Resolution by Software Scaling:
240 x 240 (Scan at 300 dpi and scaling down to 240)
200 x 200 (Scan at 300 dpi and scaling down to 200)
120 x 120 (Scan at 300 dpi and scaling down to 120)
100 x 100 (Scan at 300 dpi and scaling down to 100)

Scanning Method: Concurrent Two-Sided Duplex
(2 Scan Modules)
Scan Module: Contact Image Sensor (CIS)
Resolution: 300 dpi (850 Pixel Linear Array)
Light Source: Tri-Color LEDs

Supported Operating Systems:
Windows® 2000, Windows® XP, Windows Vista® (32 / 64 bit)
Windows 7® (32 / 64 bit)
Ubuntu® 7.05, Red Hat AS - Version 5, OpenSuse

Electrical: Power consumption: 24 Watts
Input Voltage: 100 to 240 VAC, 50/60 Hz
Separate Standard Power Supply: Auto sensing for voltage

Product Life & Duty Cycle: Designed for a useful life of over 1,000,000 items
Mean Time To Repair (MTTR): 15 minutes

Environmental:
Operating Temperature: 60° - 90° F (15° - 32° C)
Operating Humidity: 35 - 85% non-condensing

Certifications:
Safety: UL, cUL, CE
FCC: Class B (Industrial, Business or Home)
EMC: IEC CE
Efficiency: CEC IV 115V - Power Supply
RoHS Compliant

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