DIGITAL CHECK®

CHEXPRESS® CX30

A Bank Quality Scanner at a Small Business Price

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CX30 FEATURES

- **Fast and Quiet Scanning**

- **Low Cost**

- **Ergonomically Designed for Today's Office**

- **Unique Scan & Return Paper Transport**

- **Dual Adaptive MICR Read**

- **Multiple Image Capture**

- **Print Before and / or After Imaging**

- **Energy Efficient and Green Friendly**

- **TellerScan® TS215 Application Compatibility**

- **Uses Common DCC Application Interface**

- **Made in America**

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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 in a more affordable offering for the business processing lower check volumes.

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 scan and return function and 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.

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 PRINTING
The unique paper path of the CX30 allows an application to print an 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.

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. The CX30's efficiency will save you money and help conserve our natural resources.

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
  – Special Document Thresholding for hard to read checks based upon ABA and / or account number
  – Automatic image rotation

THE SECURE CHOICE™

CHEXPRESS CX30

A Bank Quality Scanner at a Small Business Price

SPECIFICATIONS

Unit Size:
Height: 7.47" (18.97 cm)
Depth 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

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)
Up to 30 DPM

Throughput: Manual single document feed up to 30 Documents Per Minute (DPM)
Typical Scan Speed: Approximately 1 second (6 inch document)

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

Supported Operating Systems:
Windows® 2000, Windows® XP, Windows Vista® (32 / 64 bit)
Ubuntu® 7.05, Red Hat AS - Version 5
Required DLL: DLLs included with API v9.0x or later

ENVIRONMENTAL / RELIABILITY / ELECTRICAL FEATURES

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 2,000,000 items
Duty Cycle CX30: Up to 500 items per day
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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