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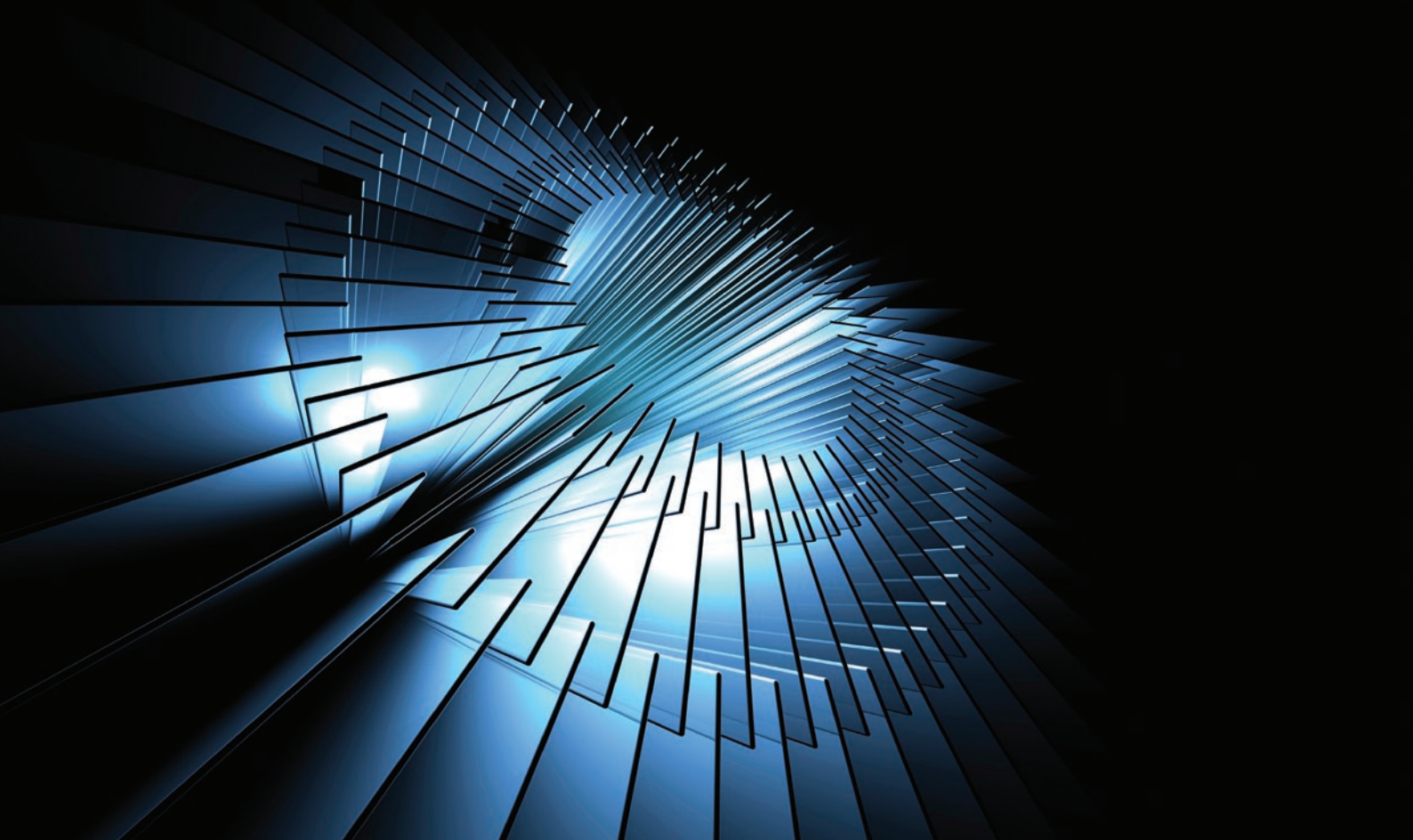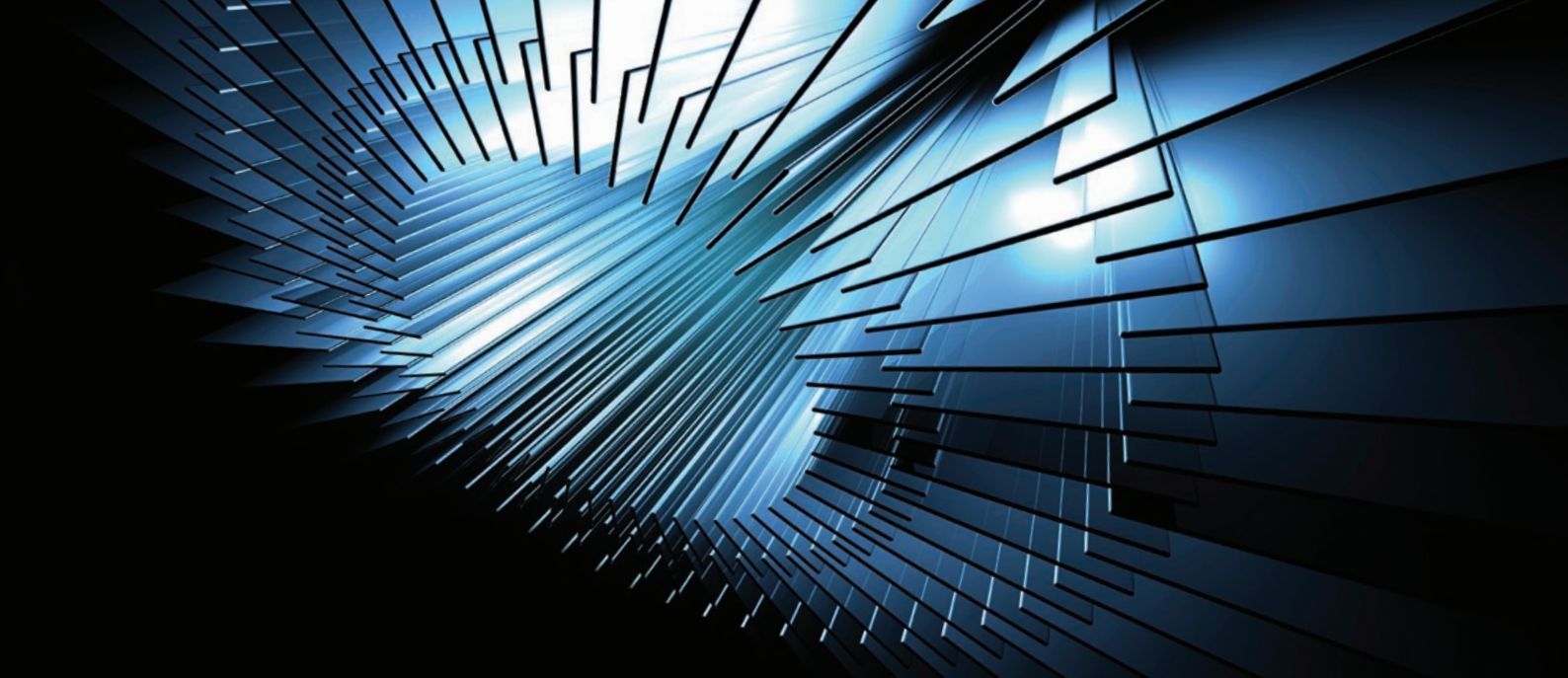
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imageFORMULA
DR-X10C

**State-of-the-art performance
and flexibility for reliable,
high volume scanning**

The Canon imageFORMULA DR-X10C colour production scanner uses state-of-the-art technology for high-speed, high-quality image scanning, delivering reliable document handling capabilities and superior durability.

Fast Speed for Production Scanning

The DR-X10C scanner is capable of maintaining impressive scanning speeds of up to 128 pages per minute and 256 images per minute,* in colour, grayscale, or black-and-white, due in part to a dedicated, onboard Image Processing Chip. This hardware chip can handle multiple image processing functions simultaneously, virtually independent of connected PC performance.
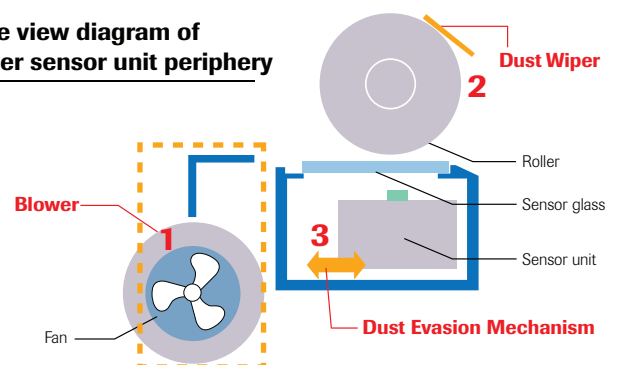
To support these speeds, fast connectivity is offered with Hi-Speed USB 2.0 and SCSI III ports. The DR-X10C scanner also allows for optional onboard Kofax implementation.** This hardware solution will deliver the full advantages of VRS image enhancement capabilities, as well as improved scanning speed and productivity.

Outstanding Canon Image Quality

The DR-X10C scanner introduces the industry's first dust-free scanning system. A revolutionary three-step approach helps prevent dust particles from accumulating and adhering to the sensor glass, resulting in clearer images and minimized manual cleaning. Uniform, consistent images are captured with utmost precision and clarity—at up to 600 dpi—due to Canon's advanced image processing features, which include Automatic Shading Mechanism and Three-Dimensional Colour Correction.

Three-Step Dust Prevention System

Side view diagram of lower sensor unit periphery

Dust Wiper
2
Roller
Sensor glass
Sensor unit
Blower
Fan
1
3
Dust Evasion Mechanism

Reliable, Flexible Document Handling

The DR-X10C scanner delivers smooth, jam-free feeding of a wide variety of document sizes, from business cards up to A3 (297mm x 420mm), or even A1 (594mm x 841mm) in Folio Mode.***

Batch scanning preparation time is reduced with the industry's first dedicated page size and skew detection sensor, a new five-level user-adjustable Active Separation Torque controller, and Staple Detection feature.

For further flexibility, the DR-X10C scanner is equipped with three user-adjustable Ultrasonic Double-Feed Detection sensors to correctly batch scan documents with attached photographs or notes. Plus, a Double-Feed Retry mechanism—which reverses documents and attempts to feed them again—and Canon's Rapid Recovery System ensures the DR-X10C scanner's superior, reliable, and flexible document handling.

Superior Durability

The DR-X10C scanner features a robust design, including a solid body and durable roller system to handle the demands of high-volume production scanning. The scanner is rated at a daily duty cycle of 60,000 scans—superior performance for this price range.

Environment in Mind

The DR-X10C scanner has been designed with the environment in mind, consolidating distributed scanning points into a single, central point, thus reducing overall energy consumption. In fact, the DR-X10C scanner boasts one of the lowest energy consumption levels in the Volume Production scanner market. When connected via USB, it can be synchronized to automatically turn on and off, according to the status of the connected PC, and also includes Standby Mode to conserve power. It also meets the Energy Star ® Program guidelines for energy efficiency, and complies with the RoHS and WEEE directives for reduction of hazardous substances and waste products.

Easy To Use and Maintain

Select from programmable pre-registered Scan-To-Job buttons, check displayed messages, and select scanner settings, using the intuitive control panel on the DR-X10C scanner. The feeding tray even opens automatically when the scanner is powered on. The DR-X10C scanner also features an ergonomic, compact, and lightweight design that adds to the operator's handling comfort, and includes user-replaceable feed rollers for easy maintenance.

A Smart Investment

The DR-X10C scanner offers enhanced sensor technology and a reliable feeding system to ensure that high volumes of mixed paper sizes or other challenging scan jobs are handled with minimal operator intervention at maximum scanning speed. Plus, the robust, compact design, energy saving performance, and advanced functionality tackle the high demands of any production-level environment.

* Examples based on typical settings, rated in pages/images per minute with A4-sized documents at 200 dpi, landscape feeding direction. Actual processing speeds may vary based on PC performance and application software.

** Kofax CGA Board available approx August 2008.

*** Up to 594mm x 841mm using Folio and Long Document Mode.

Bundled Software

• ISIS/Twain Driver

• CapturePerfect® 3.0

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Specifications

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Type:
Production Sheetfed Scanner

Document Feeding:
Automatic or Manual

Document Size:
Width: 50.8mm - 305mm
Length: 70mm - 432mm

Document Weight:
Automatic Feeding: 52-128 g/m2 Bond
Manual Feeding: 42-255g/m2 Bond

Feeder Capacity: 500 Sheets

Grayscale: 8-bit

Colour: 24-bit

Scanning Element:
3-Line CMOS Contact Image Sensor

Light Source: RGB LED

Scanning Modes:
Simplex, Duplex, Colour, Grayscale, Black and White,
Error Diffusion, Advanced Text Enhancement (Two Types)

Dropout Colour:
RGB and Custom

Optical Resolution:
600 dpi

Output Resolution:
100/150/200/240/300/400/600 dpi

Scanning Speeds*

	Simplex	Duplex
Black and White:	128 ppm	256 ipm
Grayscale:	128 ppm	256 ipm
Colour:	128 ppm	256 ipm

Interface:
SCSI-III and Hi-Speed USB 2.0

Scanner Drivers:
ISIS/TWAIN for Windows® 2000/XP/Windows Vista®

Dimensions (H x W x D):
375 x 528 x 533 mm

Weight:
39 kg.

Power Consumption:
125W or less (Energy Saving Mode: 4.5W)

Daily Duty Cycle: 60,000 Scans

Options
• Exchange Roller Kit
• Pre-Imprinter
• Post-Imprinter
• Patch Code Decoder
• Barcode Module III
• Kofax CGA Board

Other Features
• 3-Sensor Ultrasonic Double-Feed Detection
• Staple Detection
• Selectable Background Colour
• Dust Countermeasures
• Auto USB Power Switching
• Auto Colour Detection
• Automatic Page Size Detection
• Deskew
• Batch Separation
• Long Document Mode (up to 1,000mm)
• Folio Mode
• Custom Colour Dropout
• MultiStream™
• Re-try Feeding
• Three-Position Paper Feeding Tray

* Up to A1 (594mm x 841mm) using Folio and Long Document Mode.
** Examples based on typical settings, rated in pages/images per minute with A4-sized documents at 200 dpi, landscape feeding direction. Actual processing speeds may vary based on PC performance and application software.

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