

Specifications

		CSX550-09			
Scanning document width		257 mm (10.1 inches) to 965 mm (38.0 inches)			
Effective scanning area	Width	50 mm (2.0 inches) to 932.2 mm (36.7 inches).			
	Length	Programmable 50 mm to 999.99999 m (It can be set in the software. Actual length governed by the performance of the PC and the condition of the document. *3)			
Document size			ISO (JIS) A0, A1, A2, A3, A4, A0 carrier sheet, A1 carrier sheet		
			JIS B1, B2, B3, B4		
			DIN A0, A1, A2, A3, A4		
			ANSI (Engineering): E, D, C, B, A		
			ANSI (Architectural): E, E1, D, C, B, A		
Auto detection of document size		User size (Programmable up to 932.2 mm (W) x 999.99999 m (L))			
Document thickness		Auto detects the standard size to fit the document based on the scanned document width			
Scanning margin		0.05 mm to 1.6 mm			
Scanning system		0 mm (+/- 0.5 mm) at front and rear edge of document			
Scanning system	Main	Contact image sensor (CIS) (Five A4 sensors are arranged in a staggered pattern)			
	Sub	Document feeding system			
Document loading		Face-up			
Sensor	Optical resolution	1200 dpi			
	Output	Color: 48 bits/pixel, Grayscale: 16 bits/pixel			
	Light source	LED (R/G/B) in CIS			
Interpolated resolution		50 dpi to 9600 dpi (steps of 1 dpi)			
Document feeding speed (at resolution of 400 dpi, high speed mode)	Monochrome	12 inches/sec			
	Gray	12 inches/sec			
	24bit color	0.4 inches/sec			
Scanning quality		High Speed, Normal, High Quality			
Scanning speed *4 (Document size: A0, Resolution: 400 dpi)	Mode	High-speed	Normal scan	High-quality	
	Monochrome	7 sec	11 sec	12 sec	
	Gray	7 sec	11 sec	12 sec	
	24bit color	15 sec	28 sec	29sec	
Scanning accuracy *5		Distance accuracy +/-0.1%, or +/-1 pixel (whichever is greater)			
Gradation	Monochrome	Bi-level, half-tones (dithering, error diffusion)			
	Gray *4	256 shades			
	Gray (RGB) *4	256 shades			
	Color	24bit, 8bit			
Color space		sRGB, Adobe® RGB compatible			
Interface		USB 2.0 (High speed)), LAN (10BASE- T/100BASE-TX/1000BASE-T)			
Power supply		100 to 120 V AC and 200 to 240 V AC, +/- 10 %, 50/60 Hz			
Operating environment		Temperature: 10 to 35 deg. C; Humidity: 35 to 80 % RH (non-condensing)			
Guaranteed accuracy environment		Temperature: 18 to 28 deg. C; Humidity: 40 to 70 % RH (non-condensing)			
Power consumption		42 W (3 W max. in power save mode)* 5		55 W (3 W max. in power save mode) *5	
External dimensions (W x H x D)		Excluding stand: approx. 1097 mm x 160 mm x 322 mm			
		Including stand: approx. 1097 mm x 972 mm x 717 mm			
Weight		Excluding stand: approx. 25kg			
		Including stand: approx. 39kg			
Conforming standard		UL & FCC (USA), CE mark (Europe), CCC (China)			
Software		Scanning Master Pro Color, Scanning ARTS 2 for Win			
Supported Operating System (OS) for the software		Window XP Professional, Home Edition			
		Windows Vista Ultimate, Business, Home Premium, Home Basic			
		Window 7 Enterprise, Ultimate, Professional, Home Premium			
System Requirements for the software	CPU	Dual Core or high grade			
	Memory	3.0 GB or more			
	HDD	Needs enough space for storing scanned image data			
	Monitor	1024 x 768 pixels or more, True color display			

* One year warranty

*3 Actual scanning length varies depends on the condition of scanned document and the performance of the PC. The scanning of long length documents is not guaranteed, because it can be affected by the accuracy of the document alignment and the condition of the document itself.

*4 The scanning speed varies depending on the performance of the PC. The scanning may be slower when the resources of the PC are shared with other application software.
The scanning speeds above were measured using the following PC:-

- CPU: Core 2 Duo 2.5GHz
- Memory: 4.0GB
- Interface: USB2.0 (High speed)

*5 The scanning accuracy may vary depending on the operating environment and the quality or thickness of the scanned document. The accuracy figures above were measured under the conditions described below.

- Test chart used: Mylar sheet #300, 841 mm x 1,189 mm
- Guaranteed accuracy condition: Temperature 20 +/-3deg.C ; Humidity 60+/-10%R.H.
- Guaranteed scanning accuracy range: Width 800 mm Length 1,000 mm
- Optical resolution: 600dpi High-quality (Gray)

*6 The light source used changes with the selected scanning mode.
Gray: (Disabled the Gray Balance mode) Uses a single light source (Green only)
Gray (RGB): (Enabled the Gray Balance mode) Uses a triple light source (Red, Green, Blue) to create white light

*7 The average power consumption during normal operation.

Optional accessories

Item	Model
Stand	ST0074
Carrier sheet A0	ISO922
Carrier sheet A1	ISO908
Calibration sheet	ISO932
Cleaning paper	EM-CP

Standard accessories

Item	Qty
Power cable	1
Document guide	2
Cable clamp	1
USB Cable	1
Document support plate	3
Calibration sheet	1
Carrier sheet	1
Cleaning paper	1
CD-ROM (User manual and Scanning Master Pro Color, Scanning ARTS2 for Win)	2
User's manual	1

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edifice technologies

42, Nand Ghanshyam Ind. Estate,Opp. Sun Pharma,Off Mahakali Caves Road, Andheri (East),
Mumbai - 400 093 Sales (Dir) :+91 6695 2201 | Mob : +91 97 022 03809.
E-mail : sales@edificeindia.com / web : www.edificeindia.com

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