

# AR-208S/AR-208D SPECIFICATIONS

## COPIER SPECIFICATIONS

Type:	AR-208S: Digital simplex copier-based desktop MFP AR-208D: Digital duplex copier-based desktop MFP
Standard Functions:	Copy/Print/PC Scan color (or monochrome)
Copy System:	Dry electrostatic transfer system
Originals:	Sheets, bound documents
Original Size (Max):	8.5" x 14"
Copy Size:	Min. 5.5" x 8.5", Max. 8.5" x 14"
Copy Speed:	20 copies per minute (8.5" x 11")
Continuous Copy:	Max. 99 copies
First Copy Out Time:	8 sec. (ready) 25 sec. (preheat) 60 sec. (auto shut-off)
Warm Up Time:	0 seconds (when Energy Saver mode is not enabled)
Zoom Range:	25% to 400% in 1% increments (with SPF/RSPF 50%-200%)
Fixed Zoom Mode:	25%, 50%, 64%, 78%, 100%, 129%, 200%, 400%
Exposure System:	Fixed optical source, slit exposure (stationary platen)
Paper Feed System:	Standard: (1) 250-sheet paper cassette with automatic feed Standard: (1) 50-sheet manual bypass tray Optional: (1) 250-sheet paper feed unit
Original Feed System:	50-sheet reversing single pass feeder (RSPF)/document glass
RSPF Feeding:	Approx. 14 originals per minute (letter/100%/simplex), original weight 15 to 24 lb. Bond
Paper Type:	Paper Cassettes: 15-21 lb. standard or recycled bond paper Bypass Tray: up to 50 sheets 15-34 lb. standard or recycled bond paper; post cards/envelopes (#10 Monarch)/OHP film/labels one sheet feed
Memory:	64 MB (shared)
Copy Resolution:	Scan: 600 dpi, output: 600 dpi
Exposure Modes:	Photo mode: 600 x 600 dpi Auto exposure: 600 x 300 dpi (manual 5 steps)
Grey Scale:	256 gradations/2 levels
Copy Features:	Electronic sorting, 2-in-1 copy, offset stacking, auto tray switching, margin shift, zoom, variable memory adjustment, auto shut off, and duplex copy/print (AR-208D)
Output Tray Capacity:	200 sheets (face down)
Offset Stacking:	Standard paper shifter (offset stacks sets by 1 inch in output tray)
Fusing System:	Heat roller
Developer System:	Magnetic brush development
Light Source:	Tri-color CCD light source (RGB)
Power Requirement:	AC 120 V, 60 HZ, 8 Amps
Power Consumption:	Max 1000 W, auto shut off 12.5 W
Operating Conditions:	Temperature: 50 degrees to 86 degrees F, Humidity: 20% to 85%
Weight:	AR-208S: Approx. 43.9 lbs; AR-208D: Approx. 45.4 lbs.
Dimensions:	AR-208S: 20 1/2" (w) x 17 3/4" (d), x 14 3/8" (h) AR-208D: 20 1/2" (w) x 17 3/4" (d), x 14 3/8" (h)

## JBIG SPEED-ENHANCED PRINTER FUNCTION (STANDARD)

Emulation:	Sharp SPLC host-based controller with JBIG compression
Print Speed:	20 pages per minute one side (letter) with ROPM
First Print Time:	8 seconds (without data transfer time; ready)
Resolution:	600 dpi
Operating System:	Windows Vista®, 98/ME, 2000, XP
Software:	Print driver, Printer Status Monitor
Scan Once Print Many:	Yes
Interface:	Standard: USB 2.0
Memory:	Shared
Features:	Offset print, status monitor, 2-up/4-up printing, fit to page, watermark, duplex printing (AR-208D only)

## SCANNER FUNCTION (STANDARD)

Type:	Flat head full color/monochrome PC scanning system
Resolution:	Basic: 600 x 1200 dpi <sup>1</sup> , setting range 50 – 9600 dpi <sup>1</sup>
Operating System:	Windows Vista, 98/ME, 2000, XP
Original Type:	Sheets/books up to letter/legal size
Scanning Method:	Original cover/SPF/RSPF
Output:	8 pixels/bit, A/D 16 bit
Protocol:	TWAIN, WIA (Windows XP)
Interface:	USB 2.0 (compatible with USB 1.1)
Software:	Sharpdesk® document management software, Button Manager, Composer (single user)
PC Scan Destinations:	5 preset PC scan destinations can be configured using Button Manager
File Formats:	BMP/JPEG/TIFF/PDF

## PCL®6 NETWORK PRINTING/SCANNING EXPANSION KIT (OPTIONAL)

Features:	PCL6 network printing and network scanning with web-based management function
Standard Memory:	64 MB standard, expandable to 320 with 256 MB DIMM
Client PC Requirements:	IBM PC/AT compatible (P3/500 MHz recommended), 100 MB available hard disk space, and 800 x 600 dpi screen resolution
Operating Systems:	Windows Vista, 98/ME/2000, Windows XP, Mac OS® 9 x, 10.1-10.4.10 (when using AR-PK1N PostScript Kit)
Network Protocols:	TCP/IP, IPV4/IPV6, IPX/SPX (Netware), NetBEUI, and EtherTalk/AppleTalk®
Interface:	RJ45 Ethernet; 10/100baseT
Utilities:	Web-based management, NIC Manager, integrated software installer, Printer Administration Utility (PAU), Printer Status Monitor, Online manual
Print Emulation:	PCL6/PCL5e/PS3 (option)
Print Speed:	20 pages per minute one side (letter)
Print Resolution:	600 dpi
Print Features:	2-up/4-up printing, fit to page, auto paper select, booklet print, front cover print, direct print, watermarks, and duplex print (AR-208D)
Scanning Resolution:	Up to 600 dpi <sup>3</sup>
Operating Systems for Scanning:	Windows Vista, 98/ME, 2000, XP
Scanning Features:	Scan to E-mail, Scan to Desktop, Scan to FTP, Scan to URL, and Scan to Print
Scanning Formats:	BMP/JPEG/TIFF/PDF
Scanning Software:	Sharpdesk® document management software, includes OCR and Sharp Composer (3-user license)

## SUPER G3 FAX KIT (OPTIONAL)

Modem Speed:	Super G3 (up to 33.6 kbps) <sup>2</sup>
Transmission Time:	3 Seconds <sup>2</sup>
Compression Type:	MH, MR, MMR, JBIG
Max. Original Size:	Legal
Resolution:	Standard/Fine/Superfine
Memory:	2 MB
Job Memory:	Up to 50
Rapid Dials:	18
Speed Dials:	100
Group Dials/Broadcasting:	18 groups/100 destinations

## OPTIONAL EQUIPMENT AND SUPPLIES

AR-D33:	250-sheet paper tray
AR-FX13:	Super G3 Fax Kit
AR-NB2A:	PCL6 Network Printing/Network Scanning Expansion Kit
AR-PK1N:	PostScript®3™ Compatible Expansion Kit (requires AR-NB2A)
AR-208ABD:	Copier Stand (with door)
AR-208MT:	Toner Cartridge
AR-208MD:	Developer
AR-152DR:	OPC Drum

<sup>1</sup>Resolution settings higher than 600 x 1200 dpi are interpolated.

<sup>2</sup>Based on ITU-T Test Chart # 1 standard resolution. Actual transmission time will vary according to line conditions.

<sup>3</sup>Color scanning at 600 dpi requires 256 MB memory expansion.



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