

AR-M257/M317 Digital IMAGER MFP Main Specifications

Type:	Digital Multifunction System
Standard Functions:	Copy, PC Print
Optional Functions:	Network Printing, Network Scanning, Super G3 Fax, Application Integration
Copy System:	Dry electrostatic transfer system
Originals:	Sheets, bound documents
Original Size (Max):	11" x 17"
Copy Size:	Min. 5 1/2" x 8 1/2", Max. 11" x 17"
Copy Speed:	25/31 copies per minute (8 1/2" x 11") 18/24 copies per minute (8 1/2" x 11"R) 15/20 copies per minute (8 1/2" x 14") 13/17 copies per minute (11" x 17")
Continuous Copy:	Maximum 999 copies
First Copy Out Time:	AR-M257: 4.8 seconds AR-M317: 4.5 seconds
Warm Up Time:	AR-M257: 23 seconds AR-M317: 25 seconds
Zoom Range:	25% to 400% in 1% increments (with RSPF 50%-200%)
Fixed Zoom Mode:	25%, 50%, 64%, 77%, 100%, 121%, 129%, 200%, 400%
Exposure System:	Fixed optical source, slit exposure (stationary platen) with automatic exposure
Original Feed System:	Standard: 100-sheet reversing single pass document feeder (RSPF) with stream feeding mode, mixed letter/legal size original detection, and mixed (lateral feed) letter/ledger original size detection.
Paper Feed System:	Standard: (2) 500-sheet paper cassettes Standard: (1) 100-sheet manual bypass tray Optional: (1) 500-sheet paper feed unit or (1) 1000-sheet paper feed unit (500 x 2)
Paper Type:	Paper Cassettes: 15-21 lb. standard or recycled bond, or 21-28 lb. special paper. Bypass Tray (Multi-sheet feed): Up to 100 sheets 14-21 lb. standard or recycled bond paper, up to 40 sheets for OHP film and labels, up to 30 sheets for 21-54 lb. thick paper, up to 5 sheets for envelopes (#10). Bypass (single-sheet feed tray): 14-34 lb. standard or recycled bond paper, OHP, labels, and thick paper up to 54 lb.
Memory (total):	32 MB total (includes electronic sorting), up to 1,024 MB option
Electronic Sort	Up to 100-sheet electronic sorting (shared memory), group copy, rotation copy, 2-in-1 copy / 4-in-1 copy, edge erase, center erase, and margin shift
Copy Resolution:	Scan: 400 dpi; Copy output: 600 dpi
Exposure Modes:	Photo mode: 600 dpi Auto exposure: 600 dpi
Halftone:	256 gradations/2 levels
Copy Features:	Scan-Once PrintMany, electronic sorting, Auto Paper Sensing (APS), Auto Magnification Sensing (AMS), auto tray switching, manual zoom, job build, split scan, booklet copy, multi-shot, reverse image, cover page, department control, job programs, auditor/coin vend ready, toner save mode, and total counter
Department Control:	100 profiles
Job Programs:	10 profiles
Output Tray Capacity:	Main output tray 500 sheets (face down), 100 sheets in optional Job Separator Tray, and 1,000 sheets in optional finisher (output tray is user selectable)
Offset Stacking:	Standard paper shifter for main output tray
Power Requirement:	AC 120 V, 60 HZ, 12 Amps
Power Consumption:	Maximum 1450 W, pre-heat 90 W, sleep mode 1.2 W
Weight:	Approximately 121 pounds
Dimensions:	24" (w) x 25" (d) x 31" (h)

JBIG Speed-Enhanced Printer Function (standard)

Emulation:	Sharp SPLC host-based with JBIG compression
Resolution:	600 dpi, 1200 x 600 dpi (enhanced)
Print Speed:	15 pages per minute (single print mode), 25/31 pages per minute (ROPM mode)
Operating Systems: ³	Windows® 98/ME, NT4.0, 2000, XP, XP x64, Vista, Vista x64
Memory:	Shared
Features:	Two sided printing, N-up printing, paper source selection, output tray selection, fit to page, image adjustment, watermarks, smoothing, photo enhancement, and ROPM
PC Interface:	Standard: IEEE 1284 (ECP) parallel port, USB 2.0 port

PCL6 Network Print Controller (optional)

Emulation:	PCL6 (XL), PCL5e, PS3 (optional)
Resolution:	1200 x 600 dpi (enhanced), 600 dpi, 300 dpi
Print Speed:	25/31 pages per minute
Operating Systems: ³	Windows 98/ME, NT4.0, 2000, XP, XP x64, Vista, Vista x64, MacOS 8.6 through 9.x, MacOS 10.1 or later
Software:	Print driver, Printer Status Monitor, Printer Administration Utility, PC fax driver ¹
Memory:	64 MB standard, expandable to 320 MB
RIP-Once PrintMany:	Yes (managed by host machine)
Features:	Binding edge, N-up printing, different cover page/last page, transparency inserts, carbon copy print mode, continuous printing, overlay, fit to page, watermarks, PIN printing, print hold, proof print, print auditor, print smoothing, offset print, font/form downloads, and direct print function ²
PC Interface:	Standard: IEEE 1284 (ECP) parallel port, USB 2.0 port

Network Support

Hardware Interface:	RJ-45 Ethernet connection
Type:	10/100 BaseT
Network Operating Systems: ³	Windows 98/ME/XP Professional/x64, Vista x64, NT4.0/2000/2003 Server, Sun Solaris 2.3 to 2.5/2.6, HP-UX 9.x/10.x, AIX 4.x.x, BSD Linux, Unix, Novell Netware 3.x/4.x/5.x/6.0, MAC OS
Network Protocols: ³	TCP/IP for Windows, IPv4/IPv6, Apple/Macintosh, and Unix environments, IPX/SPX for Novell environments, and AppleTalk for Macintosh® environments
Printing Protocols: ³	LPR, IPP, Raw TCP (port 9100), HTTP, Novell NDS/ PServer/Rprinter (Bindery)/ NDPS (TCP/IP), HTTPS, IPPS
Network Security: ³	IP/Mac Address Filtering, protocol enable/disable, SSL Encryption, IPsec

Network Scanning Kit (optional)⁴

Type:	Flat bed monochrome scanning system
Original Feed System:	Platen/document feeder, simplex/duplex with RSPF
Resolution:	200 dpi, 300 dpi, 600 dpi
Image Format:	TIFF 6.0, ITU-T G3/G4 TIFF, G3/G4 single/multi-page PDF
Scan Destinations:	E-mail, Desktop, FTP, URL
Destination Profiles:	Up to 200
Network Protocols: ³	TCP/IP, IPv4/IPv6, (includes SMTP, LDAP, FTP)
Network Security:	E-mail server user authentication
Software:	Sharpdesk Document Management Software (I/O-user license included)

Super G3 Fax Kit (optional)

Transmission Mode:	Super G3, G3
Modem Speed:	33.6 KBPS ⁵
Compression Methods:	JBIG, MMR, MR, MH
Scanning Method:	Sheet fed simplex or duplex or book
Max. Transmit Resolution:	400 dpi (ultra-fine)
Transmission Speed:	Approximately 2 seconds with JBIG ⁵
Auto Dialing Methods:	500 auto dial/group dial destinations
Group Dialing:	Up to 200 destinations
Broadcasting:	Up to 200 destinations
Programs:	8 profiles
Department Control:	100 profiles
Memory:	2 MB standard/10 MB max. (8 MB option)
Halftone:	256 levels
Timer Functions:	Up to 50 jobs
Features:	F-Code transmission/reception, confidential communication, quick on-line transmission, anti-junk fax reception, out of paper memory reception, and PC faxing

Optional Equipment

AR-D30	500-sheet x 1 drawer paper feed unit
AR-D31	500-sheet x 2 drawers paper feed unit
AR-FN5A	1,000-sheet Finisher/30-sheet stapler
AR-F14N	Saddle Stitch Finisher
AR-PN1B	Hole Punch Unit
AR-TR3	Job Separator Tray
AR-P27	PCL6 Print Controller with network interface
AR-PK1N	Postscript 3 Kit ^{3,4}
MX-NSX1	Network Scanning Kit ^{4,6}
MX-AMX1	Application Integration Module ⁷
AR-FX7	Super G3 Fax Kit
AR-MM9	8 MB fax upgrade memory
AR-PF1	Bar Code Font Kit ⁴
AR-FR24U	Commercial Data Security Kit ³ [AR-M257]
AR-FR25U	Commercial Data Security Kit ³ [AR-M317]
AR-237ABL	Low Stand (use with 3 or 4-tray configuration)
AR-237ABH	High Stand (use with 2-tray configuration)

Supplies

AR-310MT	Toner Cartridge
AR-271MD	Developer
AR-310DR	Drum Cartridge

¹ Requires optional AR-FX7 Super G3 Fax Kit.² Requires AR-PK1N.³ Vista, Vista x64, IPsec, and Data Security Kits will be available Spring 2007.⁴ Requires AR-P27 Print Controller.⁵ Based on ITU Test chart #1 in standard resolution, actual transmission time will vary based on line conditions.⁶ Requires 128 MB memory upgrade on AR-P27.⁷ Requires AR-P27 and MX-NSX1 + 128 MB memory upgrade.

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