RDM®

Transforming Payments

EC9600i series network scanners -
the new standard for check scanners

As the pioneer who set the standards for low-cost, desktop check scanners more than 15 years ago, RDM's EC9600i® series set a new standard for simple to use, adaptable and cost-effective network check scanners within today's payments world.

The EC9600i offers simple, one-touch setup without any drivers to install. It can be easily connected to PCs, MACs, mobile devices and/or payment terminals for check scanning within any operating system, browser, or network environment; including Citrix.

Who uses RDM check scanners?

- Financial institutions
  (teller capture, merchant RDC)
- Financial service centers
  (check cashers, bill payment agents)

- Healthcare providers
- Property management companies
- Government entities
- Small retailers

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How the EC9600i is different:

Simple to use
- One-touch setup without any drivers to install
- Requires virtually no user training or support

Adaptable
- Can be securely shared by users on any network or thin client environment such as Citrix; or as a stand-alone USB connected device
- Easily connect to PCs, MACs, mobile devices or payment terminals, regardless of the operating system or browser

Cost effective
- Built-in networking capabilities with no additional hardware
- Multifunctional models & options to work in a variety of payments workflows
- Compact footprint with minimal cabling
- 2-year RDM warranty
- Expected scanner life of over five years or one million documents
- Low total cost of ownership

Can reduce implementation and support costs by up to 40%

EC9600i AF network scanner with printer

EC9600i AF network scanner

EC9600i SF network scanner

With multiple model options to choose from, one small device can capture checks, remittances, payment cards, ID cards or print receipts. Available in both single-feed (SF) and auto-feed (AF) models, the EC9600i scanners are designed to fit your workflow volumes and are priced to fit your budget. Auto-feed models enable batch scanning at speeds up to 30 documents per minute (dpm).

The on-board dashboard makes it easy to troubleshoot, update firmware, and configure your device for use on a network - without the need to load a separate application.

Standard features		
	SF models	**AF models**
Single-pass, duplex document imaging	•	•
Crisp, clear binary images that exceed the industry's quality and usability requirements	•	•
Duplex ID card imager - *enables data capture from driver's license and other IDs*	•	•
MICR read rates with better than 99% accuracy - *means fewer rejected checks*	•	•
Collection pocket - *holds up to 60 documents and maintains document scanning order*	•	•
Franker stamps message on face of checks - *reduces fraud and mitigates risk*	•	•
USB 2.0 - *offers fast data transfer to PCs*	•	•
1 Ethernet port	•	
2 Ethernet (10/100) ports		•
30-document feeder - *meets the needs of most batch scanning workflows*		•
Endorser - *applies physical message to rear of checks (inkjet print cartridge required)*		•
2-port USB hub - *extends PC connectivity to support peripheral devices such as EMV PIN pad and signature capture pads*		•

Value-added options		
	SF models	**AF models**
Encryption-capable, 3-track Magnetic Stripe Reader (MSR) - *extends data capture capabilities and provides added security of sensitive data captured*	•	•
Virtual image endorsement - *applies message to rear image of checks electronically*	•	•
OCR A&B font recognition licence - *automates data capture for walk-in bill-payment processing*	•	•
Front-mounted, Windows-compatible, 3" thermal receipt printer		•

Model details

Physical dimensions	Depth • Minimum: 9.3" (237mm) with retracted extensions • Maximum: 12.25" (311mm)	Width • Non-MSR units: 6.0" [154mm] • MSR units: 6.2" [157mm]	Height • Non-printer units: 6.9" [175mm] • Printer units: 9.65" [245mm]

Document feed capacities

Document size (preferred paper weight: 20 to 32 lb)	Height: • Minimum: 2" [50.8mm] • Maximum: 4" [101.6mm]	Length: • Minimum: 4" [101.6mm] • Maximum: 9" [228.60mm]
Feeder speeds	• EC9611/12 - single-feed (SF): Single document up to 30 dpm • EC9603/4/7/8 - auto-feed (AF): up to 30 dpm batch feed	
Auto feeder capacity	Auto feeder with double-feed detect: Supports single feed or batches up to 30 items *(depends on document thickness and condition)*	
Document collection pocket	Up to 60 documents *(depends on document thickness and condition)* Maintains the integrity of the order of the original source documents	

Technical features

MICR reader	E13B or CMC7 MICR Fonts Uses RDM's progressive MICR Method for optimum MICR read accuracy OCR E13B MICR assist
Image capture	Duplex document imaging • Tiff 6.0 file format • 200 DPI - 400 DPI for ID scan • Grayscale with JPEG (or no) compression • Bi-level with CCITT Group 4 (ITU T.6) (or no) compression
Image Quality Assurance *(IQA)*	IQA includes: too light/too dark /skew (bi-level images only)
Magnetic Stripe Reader *(MSR) (optional)*	3-track, bi-directional, alphanumeric Encryption capable
Identification (ID) card imager	Duplex imager 2.13" [54mm] (V) x 3.39" [86mm] (H) with 200(V)/400(H) DPI resolution
OCR font recognition *(optional license)*	Under application control Alphanumeric OCR A and B font recognition of OCR code-lines for applications such as bill payment
Franker	Under application control a fixed text message "Electronically Presented" can be stamped on the front of a document, in red ink
Endorsement printer *(AF models only)*	Under application control, a single line 1/8" high text message can be printed on the rear of a document
Receipt printer	Thermal printer Paper width 3.125" [80mm] Print width 2.8" [71mm] Maximum print speed of 6.7"/sec [170mm/sec] Paper roll size 3.125" [80mm]
Application button	Under third-party application control, button can be programmed to perform various application functions
Scanner status LED	Integrated with application button provides the unit's status via illuminated LED
Communication ports	High speed USB 2.0 (480 MBits/sec) on all models SF models: Single 10/100 Ethernet port AF models: 2-port 10/100 Ethernet switch, built-in 2-port USB peripheral hub

Environment

Operating temperature	50° to 104°F (10° to 40°C)
Operating humidity	10% to 85% relative humidity (non-condensing)

Power rating

Unit input (24VDC)	Non-printer models: 900mA Printer models: 2.5A *Note: ratings may be amended as part of CSA safety testing*
Power supply input range	100–240V, 50/60 Hz

Certifications

Certifications	Industry certifications including: • CSA (Safety) - 60950 Information Technology Equipment • FCC (EMI) - FCC Part 15 Class A
Warranty	2-year standard warranty
Life expectancy	5 years under normal usage

Software and support

Supported operating systems	Windows 7 (32/64-bit), Windows 8.1 (32/64-bit), Windows 10 (32/64-bit)
Development software	RDM Scanner Control Interface (SCI) - available as part of RDM EC Scanner Series Application Development Kit (ADK)

Options and accessories

Replacement franker cartridge - "Electronically Presented" red ink *(Included with auto-feed (AF) series models only)*	6000-6065	
Replacement HP Inkjet printer cartridge black ink (for endorser) *(Not included)*	6000-6060 (HP C6602A)	
Paper roll, thermal, 3.125" W x 225' (3.125" maximum diameter) *(Starter roll included)*	Industry standard thermal roll paper available from office supply retailers	
Replacement power adapter	Non-printer models: 302843 / 303985	Printer models: 303811 / 303986
USB 2.0 cable, A to B male, shielded, 2m (black) *(included)*	6000-6106	
Ethernet cable, Cat5E RJ45 350Mhz, 1.5m (black) *(included)*	6000-6114	

Why incorporate RDM check scanners into your payments world?

⚙ Compact & Multifunctional

- Small footprint de-clutters your work
- Provides all-in-one check, remittance and ID card capture with optional magnetic stripe reading (MSR) and receipt printing
- Reduces the requirement for multiple payment devices
- Built-in networking capabilities with no additional hardware

⚡ Efficient

- One-touch setup without any drivers to install
- Requires virtually no user training or support
- Easily connects to PCs, MACs, mobile devices or payment terminals, regardless of network, operating system or browser
- 2-port Ethernet switch eliminates cost of extra network cabling drop *(AF models)*
- Supports up to two peripheral devices via built-in USB hub *(AF models)*
- Factory-calibrated units simplify deployment

🛡 Secure

- Addresses common risk and compliance concerns
- W3C compliant interface
- HTTPS (TLS v1.2) for all communications
- Standard security certificate that is "pinnable"
- Images and data are encrypted and available to the payment application
- Encryption-capable MSR heads
- No data is stored on scanner or local PC
- No drivers are installed on local PC

📈 Affordable

- Save money – one multifunctional scanner can do it all
- Among lowest total cost of ownership in the industry
- Can reduce implementation and support costs by up to 40%
- 2 year RDM warranty with life expectancy of 5 years or 1 million documents under normal usage.

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About RDM Corporation

For over 25 years RDM has been providing innovative hardware and software payment solutions serving Fortune 500 companies including financial institutions and services providers, payment processors, brokerage firms, retailers, healthcare and insurance providers, and government entities. For more information, visit **www.rdmcorp.com**.

Benchmark
TECHNOLOGY GROUP

For more information on the RDM EC9600i Series, please contact Benchmark Technology Group at 470-865-6000 or email info@btg-us.com.