



Check scanning made simple

RDM's EC9100i[®] series check scanners are affordable, compact, and efficient. The multifunctional capabilities of the EC9100i scanners enable your business to capture and process any combination of payment types including: checks, remittances, payment cards, loyalty cards and ID cards. They also offer check defacement, endorsement and receipt printing capabilities – all on a single device.

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

EC9100i AF and SF series scanners

Whether you are processing batches of checks, remittances, IDs or card payments, RDM's family of EC9100i check scanners offer affordable functionality in an efficient, reliable design.

The EC9100i series check scanners deliver industry leading MICR read rates and superior image quality which surpass industry requirements. With multiple models to choose from, one small multifunctional device can capture checks, remittances, payment cards, ID cards or print receipts.

Available in both single-feed (SF) and auto-feed (AF) models, the EC9100i scanners are designed to fit your workflow volumes and are priced to fit your budget. The AF series models enable batch scanning at speeds up to 30 or 90 documents per minute (dpm).



EC9100i SF scanner



EC9100i AF scanner



EC9100i AF scanner with printer

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 high-resolution 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	•	•
30-document feeder - meets the needs of most batch scanning applications		•
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 - can automate 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	- EC9111/12 - single-feed (SF): Single document up to 30 dpm - EC9103/4/7/8 - auto-feed (AF): Up to 30 dpm batch feed - EC9103/4/7/8 - auto-feed (AF): Up to 90 dpm batch feed		
Auto feeder capacity	Auto feeder with double-feed detect: Supports batches up to 30 items <i>(depends on document thickness and condition)</i>		
Document collection pocket	Up to 60 documents <i>(depends on document thickness and condition)</i> Maintains the integrity of the order of the original source documents		
Technical features		Power Rating	
MICR reader	E13B or CMC7 MICR Fonts Uses RDM's progressive MICR Method for optimum MICR read accuracy OCR E13B MICR assist	Unit input (24VDC)	Non-printer models: 900mA Printer models: 2.5A <i>Note: ratings may be amended as part of CSA safety testing</i>
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	Power supply input range	100–240V, 50/60 Hz
Image Quality Assurance (IQA)	IQA includes: too light/too dark /skew (bi-level images only)	Certifications	
Magnetic Stripe Reader (MSR) (optional)	3-track, bi-directional, alphanumeric Encryption capable	Certifications	Industry certifications including - WHQL driver certification (USB Drivers) - CSA (Safety) - 60950 Information Technology Equipment - FCC (EMI) - FCC Part 15 Class A
Identification (ID) card imager	Duplex imager 2.13" [54mm] (V) x 3.39" [86mm] (H) with 200(V)/400(H) DPI resolution	Warranty	2-year standard warranty
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	Life expectancy	5 years under normal usage
Franker	Under application control a fixed text message "Electronically Presented" can be stamped on the front of a document, in red ink.	Software and support	
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	Supported operating systems	Windows 7 (32/64-bit), Windows 8.1 (32/64-bit), Windows 10 (32/64-bit)
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]	Development software	RDM Scanner Control Interface (SCI) - available as part of RDM EC Scanner Series Application Development Kit (ADK)
Application button (except EC9111f/91112f)	Under third-party application control, button can be programmed to perform various application functions	Third party API	Silver Bullet's Ranger®
Scanner status LED	Integrated with application button provides the unit's status via illuminated LED	Options and accessories	
Communication ports	High speed USB 2.0 (480 MBits/sec) on all models Built-in 2 port hub <i>(except EC9111f and EC9112f)</i>	Replacement franker cartridge - "Electronically Presented" red ink <i>(Included with auto-feed (AF) series models only)</i>	6000-6065
Environment		Replacement HP Inkjet printer cartridge black ink (for endorser) <i>(Not included)</i>	6000-6060 (HP C6602A)
Operating temperature	50° to 104°F (10° to 40°C)	Paper roll, thermal, 3.125" W x 225' (3.125" maximum diameter) <i>(Starter roll included)</i>	Industry standard thermal roll paper available from office supply retailers
Operating humidity	10% to 85% relative humidity (non-condensing)	Replacement power adapter	Non-printer models: 302843 / 303985 Printer models: 303811 / 303986
		USB 2.0 cable, A to B male, shielded, 2m (black) <i>(included)</i>	6000-6106

Why incorporate RDM check scanners into your payments world?



Compact

RDM's EC9100i series scanners are designed to eliminate the clutter and inefficiencies often created by larger check scanners and multiple payment capture devices. These compact scanners fit on your desktop or counter, combining functionality and performance in a small footprint.



Efficient

The EC9100i features fast, single-pass document imaging using a vertical feed transport – virtually eliminating skewing and jamming. It also incorporates RDM's industry-recognized MICR and check imaging technologies to consistently deliver precise MICR read rates and premium images that are fully compliant with industry standards. Like all RDM check scanners, each unit is factory calibrated before shipping, eliminating the need for time-consuming field calibration and simplifying the deployment process.



Multifunctional

Do away with multiple devices for processing payments. With several models and options to choose from, RDM's EC9100i series scanners enable you to process any combination of checks, remittances, credit cards, ID cards and receipt printing on a single peripheral device. Most EC9100i scanners have a 2-port USB hub which allows connectivity to a range of peripherals including EMV pinpad and signature capture devices. RDM's scanners are also certified with, and connect easily to, many PC-based payment applications.



Affordable

The EC9100i series has one of the lowest costs of ownership in the industry and includes a 2 year manufacturer's warranty. The high-capacity franking cartridge helps to minimize your consumables expenses. You'll also experience reduced maintenance, support and training costs when compared to using multiple devices. Additionally, with a life expectancy of 5 years or 1 million documents under normal usage RDM scanners have one of the longest lifespans in the industry.

About RDM Corporation

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For over 30 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.

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