



EC9100i® Series Scanners

Check scanning made simple...

RDM 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.

EC9100i AF and SF series scanners

Whether you are processing batches of checks, remittances, IDs or card payments, Deluxe's family of RDM 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 support batch sizes up to 30 documents and throughput speeds up to 30 or 90 documents per minute (dpm).



EC9100i SF



EC9100i AF



EC9100i AF with printer

EC9100i series models								
	EC9111fSF	EC9112fSF	EC9113fSF	EC9114fSF	EC9103f AF	EC9104f AF	EC9107f AF	EC9108f AF
Key features	Single-feed models				Auto-feed models			
E13B (MICR / OCR) recognition delivers better than 99% accuracy	●	●	●	●	●	●	●	●
Document throughput - documents per minute (dpm)					30 / 90	30 / 90	30 / 90	30 / 90
Document feeder / exit pocket capacities	1 / 60	1 / 60	1 / 60	1 / 60	30 / 60	30 / 60	30 / 60	30 / 60
Document Franking / InkJet Endorsing capabilities	F	F	F / IJ	F / IJ	F / IJ	F / IJ	F / IJ	F / IJ
Virtual image endorsing capability	●	●	●	●	●	●	●	●
Duplex ID card imager (Grayscale, Binary)	●	●	●	●	●	●	●	●
Magnetic Stripe Reader (MSR)		●		●		●		●
Integrated 3" thermal receipt printer							●	●
Optional OCR A&B font recognition license	●	●	●	●	●	●	●	●
2 Year Warranty	●	●	●	●	●	●	●	●
Certified with Windows 7, 8.1, 10	●	●	●	●	●	●	●	●
Ranger® Certified (via Plug-in)	●	●	●	●	●	●	●	●

Model details			
Physical dimensions	Depth <ul style="list-style-type: none">Minimum: 9.3" (237mm) with retracted extensionsMaximum: 12.25" (311mm)	Width <ul style="list-style-type: none">Non-MSR units: 6.0" [154mm]MSR units: 6.2" [157mm]	Height <ul style="list-style-type: none">Non-printer units: 6.9" [175mm]Printer units: 9.65" [245mm]
Document feed capacities			
Document size <i>(preferred paper weight: 20 to 32 lb)</i>	Height: <ul style="list-style-type: none">Minimum: 2" [50.8mm]Maximum: 4" [101.6mm]	Length: <ul style="list-style-type: none">Minimum: 4" [101.6mm]Maximum: 9" [228.60mm]	
Feeder speeds	<ul style="list-style-type: none">EC9111/12/13/14 - single-feed (SF): Single document up to 30 dpmEC9103/4/7/8 - auto-feed (AF30X): Up to 30 dpm batch feedEC9103/4/7/8 - auto-feed (AF90X): 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 <ul style="list-style-type: none">Tiff 6.0 file format200 DPI (400 DPI for ID scan)Grayscale with JPEG (or no) compressionBi-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) <i>(select models)</i>	3-track, bi-directional, alphanumeric encryption capable	Certifications	Industry certifications including <ul style="list-style-type: none">WHQL driver certification (USB Drivers)CSA (Safety) - 60950 Information Technology EquipmentFCC (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 <i>(optional license)</i>	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	
Inkjet endorsement printer <i>(select models)</i>	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)
3" Thermal receipt printer <i>(select models)</i>	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)
Scanner status LED	Provides the unit's status via illuminated LED	Ranger® Certified	License available from Silver Bullet Technologies
Communication ports	High speed USB 2.0 (480 mbps) on all models	Options and accessories	
		Franker cartridge - "Electronically Presented" red ink <i>(sold separately)</i>	6000-6065
		Replacement HP Inkjet endorser printer cartridge black ink <i>(sold separately)</i>	6000-6060 (HP C6602A)
		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
		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
Environment			
Operating temperature	50° to 104°F (10° to 40°C)		
Operating humidity	10% to 85% relative humidity (non-condensing)		



Compact

- The 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.



Multifunctional

- Do away with multiple devices for processing payments.
- The EC9100i series scanners enable you to process any combination of checks, remittances, credit cards, ID cards and receipt printing on a single peripheral device.
- The 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.
- Includes a 2 year manufacturer's warranty 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.
- You'll also experience reduced maintenance, support and training costs when compared to using multiple devices.