

Desktop Card Embosser

By NBS Technologies



Advantage™ M8

EMV Compliant

The new Advantage™ M8 Instant Issuance embosser is the ideal solution that allows real flexibility and security in instant card issuance. This all-in-one solution allows the user to encode magnetic stripe, program smart chip, print (mono or color), emboss/indent and tip in one pass.

The Advantage™ M8 makes it easy to issue financial or loyalty cards in a very secure environment to customers for immediate use. The Advantage™ M8 features the unique card input matrix which can hold a total 750 cards using 5 separate cassettes with 3 card hoppers per cassette capable of holding 50 cards each. All cassettes have key lock security to provide the highest level of protection for the card stock.



XPRESSI INSTANT ISSUANCE

THE MOST FLEXIBLE SOLUTION FOR BANK AND RETAIL DESKTOP FINANCIAL INSTANT ISSUANCE CARDS

The Advantage M8 embosser combined with Xpressi instant issuance software, creates a total and scalable solution for financial institutions to easily generate secure EMV data and personalize their customer cards for immediate distribution at the local branch level.



THE ADVANTAGE™ M8 OFFERS THESE KEY FEATURES AND BENEFITS:



ENHANCE THE CUSTOMER EXPERIENCE

- Reduce customer wait times from weeks to minutes
- Maximize customer face time in your financial location



INCREASE SECURITY AND RISK MITIGATION

- Eliminate card delivery failure due to theft
- Reduce fraud impact of stolen cards
- Anchors for bolting down the embosser to its operating station



INCREASE REVENUE OPPORTUNITIES

- Create account lift with instantly available cards
- Enjoy “top of wallet” benefit with unique personalization capabilities
- Increase opportunities to cross sell other financial products

CONSULTING

SOFTWARE

HARDWARE

SMART CARD MANUFACTURING



Total
Card Solutions

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Emboss Specifications

Card Type	ISO 7810, 7811 - 1/2/6 PVC card	
	ISO 7816-1/2/-3 (Class A and Class B)/EMV4.0 approved. This card must be free of burrs, bumps and scratches	
Magnetic Stripe	ISO 7811-2(Low coercivity), 7811-6(high coercivity)	
Smart Card (optional)	Contact Smart Card - USB connection PCSC coupler from rear	
Emboss	Emboss font capacity	54 characters (Max 80 character including indent font)
	Variety of emboss fonts	Alpha(10 CPI) A~Z : 26
		Num(10 CPI) 0~9 : 10
		Num(7 CPI)(OCR-7B) 0~9 : 10
		Symbol(10 CPI) - / . ' , () & : 8
Rear Indent (optional)	Rear indent font	OCRA(10 CPI) : 10
	Indent Film Detection	Ribbon-end detection
Tipper	Tipping foil color	Silver, Gold
	Tipping Foil Detection	Foil-end detection
Printer (optional)	Print Mode	Color (Dye-sublimation), Mono (Thermal transfer)
	Print Resolution	300dpi
	Print Side	Dual side
Input (optional number of cassettes - 0 to 5)	Input Methods	Automatic or Exception Feed
	Number of cassette / hopper	5 cassette / 15 hopper (3 hoppers per cassette)
		Machine can be configured with 0 to 5 cassettes
	Input Hopper Capacity	50 cards / hopper (750 cards total)
	Security	Software and key lockable hopper cassette
Output Stacker	Card presence detection	Out of Card detection
	Output stacker capacity	Approximately 20 cards
	Security	Software lockable output stacker
Rejected Cards	Card presence detection	Card full detection
	Reject stacker capacity	Approximately 25 cards
Card Counter	Card presence detection	Card-full detection
	Resettable	Software counter
	Non resettable	Mechanical counter
Machine Throughput	58 seconds (Mag encode, Emboss, Rear Indent, Tip)	
	64 seconds (Print Mono, Mag encode, Emboss, Rear Indent, Tip)	
	81 seconds (Print Color, Mag encode, Emboss, Rear Indent, Tip)	
	Smart card encoding times not included - speed varies based on card specifications	
Dimension	Machine: 380mm (15") (W) x 660mm (26") (H) x 780mm (31") (D)	
	Machine with anchor plate: 456mm (18") (W) x 660mm (26") (H) x 780mm (31") (D)	
Weight	85 kg / 187.63 lbs	
Connection Interface	Ethernet and USB (cable 3m in length or less)	
Warranty	12 months	
Display	LCD display (16 characters per line)	
Applicable Standard	CCC, 2004/108/EC, EN55022:2013, FCC 47CFR PT 15 SPT, EN55024:2010	
Security	° All Access Doors under key lock	
	° Software lock (optional) for front cover (allows for software log of operator who opened front door)	
	° Hopper cassette key lock	
	° Mechanical bolt down capability	
	° Kensington lock compatible	
Power	Rated power: 100-120VAC 4.5A / 220-240VAC 3.0A	
	Rated frequency: 50-60Hz	



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